Report:

VITAL STATISTICS AND INDUCED TERMINATIONS OF PREGNANCY

1985

WASHINGTON STATE
DEPARTMENT OF
SOCIAL & HEALTH
SERVICES

DIVISION OF HEALTH
Health Data Section

VITAL STATISTICS
and
INDUCED TERMINATIONS OF PREGNANCY
WASHINGTON STATE
1985

HEALTH DATA SECTION
DIVISION OF PUBLIC HEALTH
DEPARTMENT OF SOCIAL AND HEALTH SERVICES
MS ET-14
OLYMPIA, WASHINGTON 98504

ANALYSIS OF NATALITY AND MORTALITY BY:

Patricia Starzyk, Research Investigator, 586-6028

ANALYSIS OF INDUCED TERMINATIONS OF PREGNANCY BY:

Teresa Jennings, Research Investigator, 753-5938

Special acknowledgement to the Office of Information Systems

Robert Rolfs, Acting Director
Division of Public Health

Office of Public Health Systems Support
Health Data Section
  Eugene E. Sabotta, Section Head
    Julie Harris, Secretary
    Patricia M. Starzyk, Research Investigator
    Teresa J. Jennings, Research Investigator
    Jeff Threatt, Research Analyst
    Sandi Kindsvater, Health Program Specialist
    M. Dave Jacobs, Data Compiler

INTRODUCTION

The 1985 Summary of Vital Statistics and Induced Terminations of Pregnancy combines two reports which were previously published as separate documents: The Vital Statistics Annual Summary and The Report on Induced Terminations of Pregnancy in Washington State. This change was made in the interests of economy and to facilitate the study of total pregnancy experience in the state.

This 1985 report continues the practice of presenting a data analysis section along with the tabular summary of data. This analysis is not intended to be sophisticated or exhaustive; instead it represents an attempt to look at vital statistics and abortion data in new ways which may stimulate further analyses by those involved in family planning, epidemiologic analysis, and program evaluation in the state.

The report also contains a summary presentation, in tabular form, of the vital events and induced abortions which occurred during the calendar year 1985. In the interest of easy comparison, essentially the same format of tabular presentation has been continued as was used in previous reports, with the following changes:

ADDED:

- Births
    - Mother's Age by Month Prenatal Care Began (Table 4)
    - Number of Prenatal Visits by Month Care Began (Table 5)
    - Births with Malformations by Place of Residence (Table 13)
    - Single Mothers: Age by Place of Residence (Table 14)

- Fetal Deaths
    - Mother's Age by Place of Residence (Table 26)

- Induced Terminations
    - Selected Topics (Table 1)

DELETED: Chart of Daily Events in Washington State

CHANGED:

Deaths

Previous Tables 6-9 (Deaths with Rates by Selected Causes by Place of Residence) have been combined into two tables (6-7) and some of the categories changed to reflect major causes of death. Congenital Malformations and Causes of Mortality in Early Infancy have been removed from this table because most of these deaths are included with the infant death data (Table 19).

Marriages and Dissolutions

In previous reports, Table 3 (Dissolutions by Total Living Children by Place of Residence) was mislabelled as a residence table when it actually gave occurrence data. This table has been corrected for the 1985 report so that now it does give residence data (and it is now Table 4). Because of this change, some counties may appear to have drastic changes in the number of dissolutions tabulated.

For those who find that the tables in this report do not meet all their needs, additional tables are available and can be obtained by calling Statistics at (206) 753-5938.

TABLE OF CONTENTS

page

Introduction.. iii

Map of Washington State....................................... 1

1985 In Brief... 2

Graphs of Birth and Death Rates............................... 3

Summary Table: Numbers with Rates for Live Births, Deaths, Deaths of Infants Under One Year of Age, Maternal Deaths, and Fetal Deaths. State of Washington 1920 - 1985....................... 4

Analysis

List of Tables and Figures of Analysis Section............ 9

Natality.. 11

Mortality... 25

Induced Terminations of Pregnancy......................... 39

Tables Section

Natality.. 61

Table 1 - Live Births in Washington State by Selected Topics.. 62
- 1A - Residence, by Race by Sex
- 1B - Residence, by Mother's Age Group by Sex
- 1C - Residence, by Order of Live Birth to Mother
- 1D - Residence, by Attendant
- 1E - Residence and Occurrence, by Sex by Birth Weight in Grams
- 1F - Residence and Occurrence, Live Births and Fetal Deaths by Month
- 1G - Occurrence, Method of Delivery
- 1H - Type of Place by Occurrence
- 1I - Residence, Multiple Live Births
- 1J - Residence, Maternal Smoking

Table 2 - Live Births by Race by Birth Weight............. 65

Table 3 - Live Births by Mother's Age by Birth Weight..... 65

Table 4 - Live Births by Mother's Age by Month Prenatal Care Began, Washington State Residents.......... 66

Table 5 - Live Births by Number of Prenatal Visits by Month Care Began, Washington State Residents.... 66

Table 6 - Live Births with Rates by Place of Residence by Sex, and Occurrence.......................... 67

Table 7 - Live Births Inter-County Travel Patterns........ 68

Table 8 - Live Births by Race by Place of Residence....... 70

Table 9 - Live Births by Mother's Age Group by Place of Residence.................................... 71

Table 10 - Live Births by Month by Place of Residence..... 72

Table 11 - Live Births by Birth Weight in Grams by Place of Residence............................ 73

Table 12 - Residence, Multiple Births by Number Born Alive Each Set................................. 74

Table 13 - Live Births with Malformations with Percent of Total Births by Place of Residence............ 75

Table 14 - Live Births to Single Mothers by Place of Residence by Age of Mother.................... 76

Table 15 - Live Births by Institution by Place of Occurrence.................................... 77

Mortality... 79

Table 1 - Deaths in Washington State by Selected Topics... 80
- 1A - Residence, Race by Sex
- 1B - Residence, Marital Status by Sex
- 1C - Residence, Age Group by Sex
- 1D - Residence, Infant Deaths by Race
- 1E - Residence, by Leading Causes
- 1F - Residence and Occurrence, by Month
- 1G - Type of Place by Occurrence

Table 2 - Deaths with Rates by Place of Residence and Occurrence.................................... 82

Table 3 - Deaths by Sex and Race by Place of Residence..................................... 83

Table 4 - Deaths by Age Group by Place of Residence....... 84

Table 5 - Deaths by Month of Occurrence by Place of Residence..................................... 85

Table 6 - Deaths with Rates by Selected Causes by Place of Residence

Infectious and Parasitic Diseases, Malignant Neoplasms, Alcoholism, Diseases of the Heart, and Cerebrovascular Disease.................. 86

Table 7 - Deaths with Rates by Selected Causes by Place of Residence

General Arteriosclerosis, Influenza and Pneumonia, Chronic Obstructive Pulmonary Diseases, and Nephritis, Nephrotic Syndrome, and Nephrosis.................................. 87

Table 8 - Deaths with Rates by External Causes by Place of Residence

Motor Vehicle, Falls, Drownings, Fires, All Other.................................... 88

Table 9 - Deaths with Rates by External Causes by Place of Residence

Suicide, Homicide, Undetermined External Injuries.................................... 89

Table 10 - Residence Deaths with Rates and Percent by Age Group and Sex by Leading Causes............ 90

Table 11 - Residence Deaths with Rates by Selected Causes by Sex................................ 92

Table 12 - Residence Deaths Due to Malignant Neoplasm with Rates by Sex............................. 94

Table 13 - Residence Deaths by Non-transport Causes, by Place of Accident........................... 95

Table 14 - Deaths with Rates by External Causes by Place of Occurrence

Motor Vehicle, Falls, Drownings, Fires, All Other.................................. 96

Table 15 - Deaths with Rates by External Causes by Place of Occurrence

Suicide, Homicide, Undetermined External Injuries.................................. 97

Table 16 - Deaths by Type of Place by Place of Occurrence...................................... 98

Table 17 - Occurrence Deaths by Month by Selected Causes.. 99

Table 18 - Infant Mortality by Race, by Place of Residence.. 100

Table 19 - Infant Mortality by Leading Causes, by Place of Residence.............................. 101

Table 20 - Infant Mortality by Age and Sex by Cause....... 102

Table 21 - Residence, Matched Infant Deaths by Mother's Age Group.............................. 103

Table 22 - Fetal, Perinatal, Neonatal and Infant Mortality by Place of Residence................ 104

Table 23 - Fetal, Perinatal, Neonatal and Infant Mortality by Place of Occurrence............... 105

Table 24 - Residence, Fetal Mortality by Sex and Weight... 106

Table 25 - Fetal Mortality by Cause...................... 107

Table 26 - Fetal Deaths by Mother's Age Group by Place of Residence.................................. 108

Induced Terminations of Pregnancy........................... 109

Table 1 - Induced Terminations of Pregnancy by Selected Topics.. 110
- 1A - Residence, by Age Group
- 1B - Residence, by Gestational Age
- 1C - Residence, by Number of Previous Live Births
- 1D - Residence, by Number of Previous Abortions
- 1E - Residence, by Number of Previous Pregnancies
- 1F - Residence, by Race
- 1G - Residence and Occurrence by Travel Patterns
- 1H - Occurrence, by Operative Procedure
- 1I - Occurrence, by State or Country of Residence
- 1J - Occurrence, by Rh Factor and Treatment Setting
- 1K - Occurrence, by Type of Complication
- 1L - Occurrence, by Type of Facility

Table 2 - Induced Abortions, Live Births, and Abortion Ratio with Percent Changes, Washington State Residents, 1974-1985........................... 112

Table 3 - Reported Pregnancies by Age of Patient and Pregnancy Outcome, Washington State Residents... 113

Table 4 - Age Group Specific Fertility Rate, Abortion Rate, and Abortion Ratio, Washington State Residents.. 113

Table 5 - Previous Live Births by Age of Patient, Washington Residents............................ 114

Table 6 - Previous Induced Abortions by Age of Patient, Washington Residents............................ 114

Table 7 - Induced Abortions by Age of Patient and Gestation of Pregnancy, Washington State Residents.. 115

Table 8 - Induced Abortions by Type of Procedure by Gestation of Pregnancy, Washington State Occurrences...................................... 115

Table 9 - Induced Abortions with Complications by Type of Procedure by Gestation of Pregnancy, Washington State Occurrences.................... 116

Table 10 - Induced Abortions with Complications by Type by Gestation of Pregnancy, Washington State Occurrences..................................... 116

Table 11 - Induced Abortions with Complications by Gestation of Pregnancy with Rates, Washington State Occurrences, 1981-1985.................... 117

Table 12 - Induced Abortions with Complications by Type of Procedure with Rates, Washington State Occurrences, 1981-1985.......................... 117

Table 13 - Abortion Inter-County Travel Patterns Washington State Residents and Occurrences...... 118

Table 14 - Live Births and Abortions, with Rate and Ratio Indicators by Place of Residence................ 120

Table 15 - Induced Abortions by Age of Patient by County of Residence.................................... 121

Table 16 - Pregnancy Outcome of Adolescents by Age of Patient by Place of Residence.................. 122

Table 17 - Resident Abortion Rates with Ranks for Washington State Counties, 1981-1985............ 123

Marriages and Dissolutions.................................... 125

Table 1 - Marriages by County of Marriage by Bride and Groom Age Group.............................. 126

Table 2 - Dissolutions, Annulments, and Separate Maintenance by County of Decree.................. 127

Table 3 - Dissolutions by County of Divorce by Husband and Wife Age Group....................... 128

Table 4 - Dissolutions by Total Living Children by Place of Wife's Residence........................ 129

Appendix... 131

A - Definitions... 132

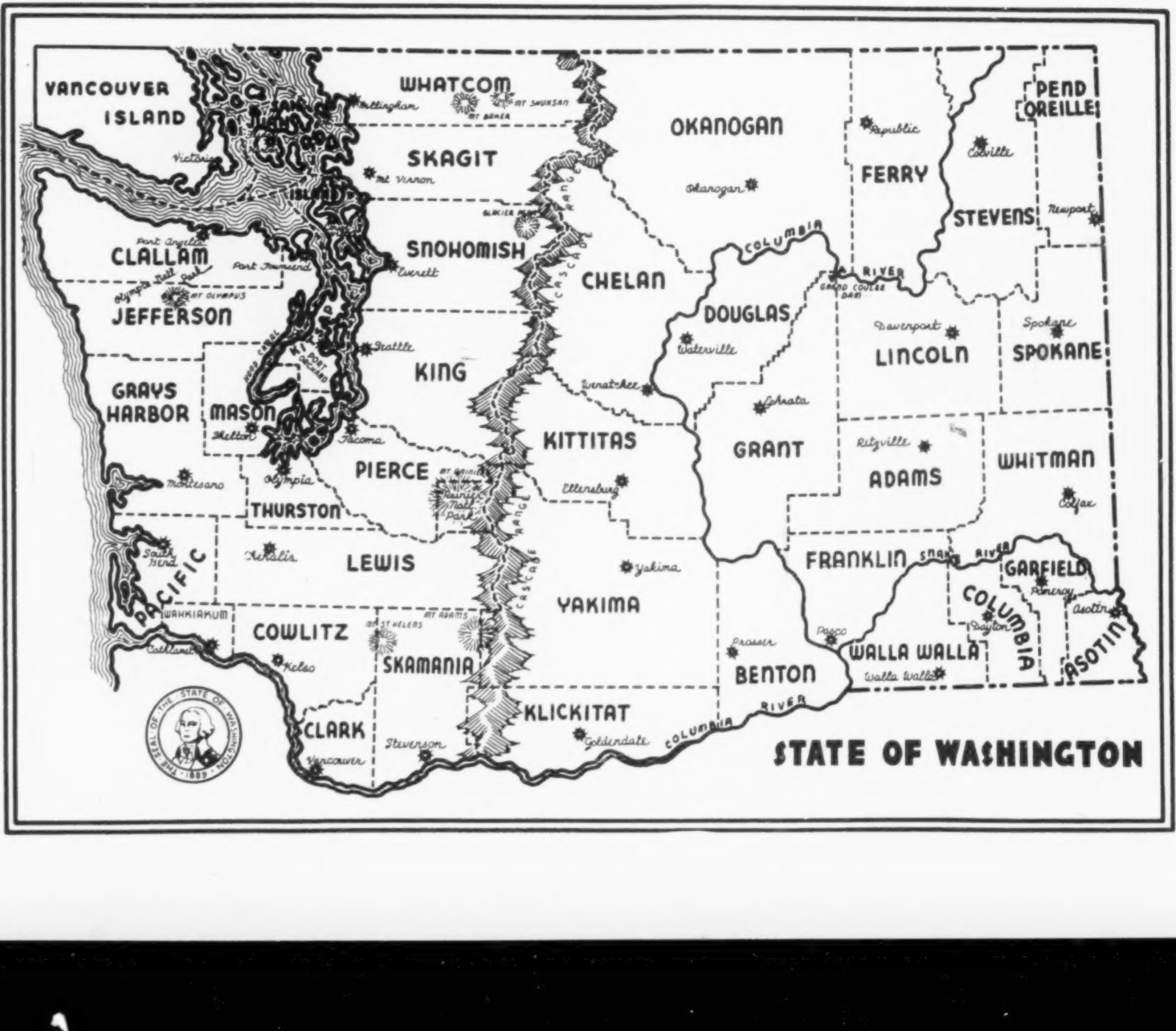
B - Technical Notes....................................... 136

C - Conversion of Birth Weight Groups in Grams to Pounds and Ounces..................................... 139

D - Population of the State of Washington by Age Group, by Sex, April 1, 1985................................ 140

E - Population, State of Washington, Counties and Cities of 10,000 Population and Over, April 1, 1985.. 141

F - Reporting Forms....................................... 142


VANCOUVER ISLAND
Victoria
SAN JUAN
ISLAND
WHATCOM
Bellingham
MT BAKER
MT SHUKSAN
SKAGIT
Mt Vernon
GLACIER PEAK
SNOHOMISH
Everett
CLALLAM
Port Angeles
Port Townsend
Olympic Natl Park
MT OLYMPUS
JEFFERSON
KITSAP
PORT ORCHARD
HOOD CANAL
Seattle
KING
GRAYS HARBOR
Montesano
MASON
Shelton
Tacoma
Olympia
PIERCE
MT RAINIER
Rainier Natl Park
THURSTON
PACIFIC
South Bend
Chehalis
LEWIS
WAHKIAKUM
Cathlamet
COWLITZ
Kelso
MT ST HELENS
MT ADAMS
SKAMANIA
Stevenson
CLARK
Vancouver
CASCADE RANGE
CASCADE RANGE
OKANOGAN
Okanogan
CHELAN
Wenatchee
KITTITAS
Ellensburg
YAKIMA
Yakima
KLICKITAT
Goldendale
COLUMBIA RIVER
GRAND COULEE DAM
DOUGLAS
Waterville
GRANT
Ephrata
BENTON
Prosser
Pasco
FERRY
Republic
STEVENS
Colville
PEND OREILLE
Newport
LINCOLN
Davenport
SPOKANE
Spokane
ADAMS
Ritzville
WHITMAN
Colfax
FRANKLIN
SNAKE RIVER
GARFIELD
Pomeroy
COLUMBIA
Dayton
WALLA WALLA
Walla Walla
ASOTIN
Asotin
COLUMBIA RIVER
THE SEAL OF THE STATE OF WASHINGTON · 1889
STATE OF WASHINGTON

1985 IN BRIEF

In 1985, the Washington State Vital Statistics and Abortion Reporting Systems show increases in reported total live births, deaths, and infant deaths among residents of the state and a decrease in total resident abortions. The total number of marriages and divorces occurring in the state, also, each declined.

Live births to residents in 1985 increased 1,279 over 1984's total to 70,226. The median age of women residents giving birth was 26.0. The crude birth rate remained unchanged (16.0 per 1,000 population). The fertility rate increased one percent (from 66.6 to 67.3 per 1,000 women aged 15-44). Nationally, the provisional birth rate was 15.7 and fertility rate, 66.1.

Total induced terminations of pregnancy to residents showed a 3.4% decrease over the total reported in 1984, dropping to 25,835 in 1985. The median age of women obtaining an abortion was 23.1. Ninety percent of the abortions performed were within the first trimester. The most frequently used procedure was suction curettage (91%). A little over two-fifths (41%; 10,562) of patients reported one or more previous abortions. Close to one-third (32%; 8,277) of the patients travelled outside their home county to obtain an abortion.

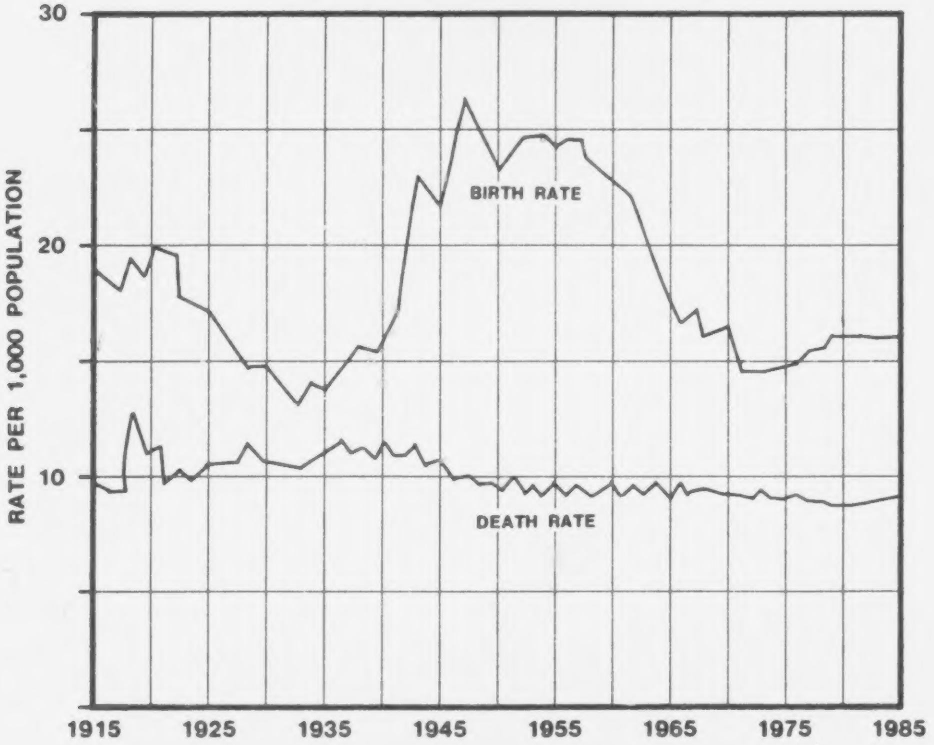
There were 687 more deaths of Washington residents in 1985 than in 1984 for a total of 34,475 deaths. The crude death rate rose from 7.8 per 1,000 population to 7.9, an increase of 1.3%. The Washington State rate is still below the national rate of 8.7. Five years previous, in 1981, the rate for the state was 7.5; for the nation, 8.6. The first two leading causes of death, diseases of the heart and malignant neoplasms accounted for 57% of all deaths. Non-arteriosclerotic diseases of the arteries became the ninth leading cause of death. Aneurysms, particularly aortic aneurysms, are the major contributor in this category. In comparison with 1981, the greatest decrease in crude death rates has occurred in deaths due to arteriosclerosis (-25%) and accidents (-15%), and the greatest increase among deaths from non-arteriosclerotic diseases of the arteries (30%) and influenza/pneumonia (27%). There were 78 deaths reported due to Acquired Immune Deficiency Syndrome (AIDS), more than twice the thirty deaths reported in 1984. (See Technical Notes, p. 138)

In 1985, there were 43 more infant deaths than in 1984 for a total of 747. The rate was 10.6 per 1,000 live births, four percent higher than the 1984 rate of 10.2. Sudden Infant Death Syndrome (SIDS) and perinatal conditions were the leading causes of death, each with 197.

There were 26,194 divorces in 1985, 805 less than the previous year for a rate of 5.9 per 1,000 population. Total marriages (43,771) were 1,309 fewer in 1985 than in 1984. The marriage rate was 10.0 per 1,000 population.

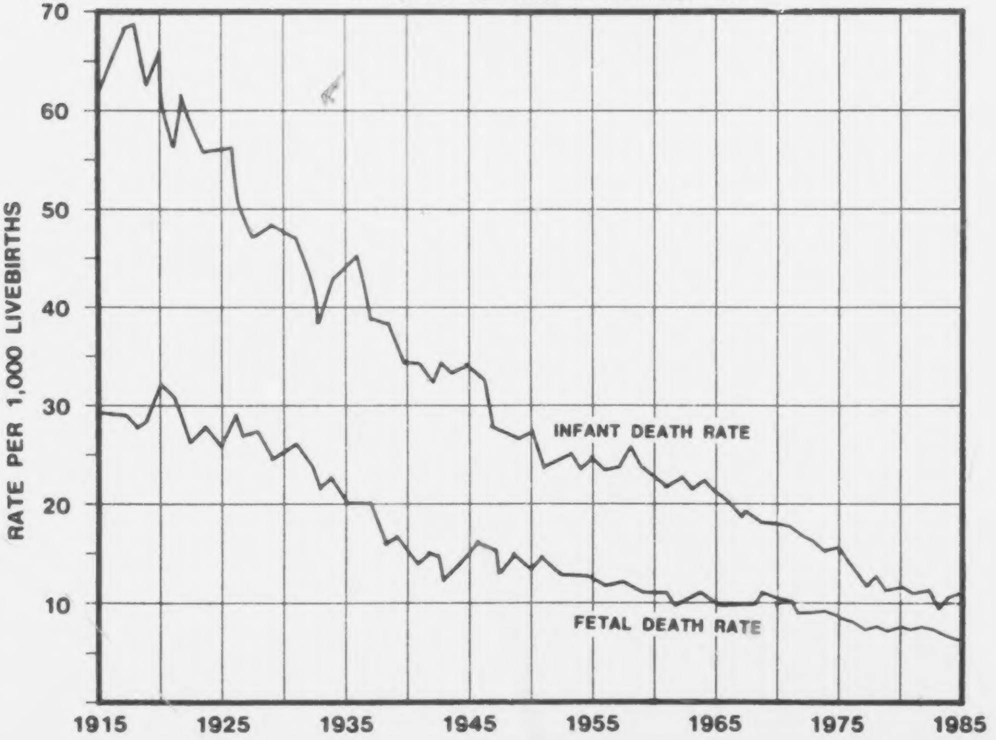
BIRTH and DEATH RATES
1915-1985

Washington Vital Statistics Summary, 1984



INFANT and FETAL DEATH RATES
1915-1985

Washington Vital Statistics Summary, 1984



SUMMARY OF THE NUMBER OF LIVE BIRTHS, DEATHS, DEATHS OF INFANTS UNDER ONE YEAR OF AGE, MATERNAL DEATHS, AND FETAL DEATHS, WITH RATES
WASHINGTON STATE 1920 - 1985

		Live Births		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
Year	Population	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1920	1,367,000	27,072	19.8	15,164	11.1	1,797	66.4	249	92.0	888	32.8
1921	1,385,700	27,267	19.7	13,254	9.6	1,512	55.5	192	70.4	852	31.2
1922	1,407,100	25,378	18.0	14,249	10.1	1,566	61.7	190	74.9	731	28.8
1923	1,427,300	25,259	17.7	13,856	9.7	1,428	56.5	159	62.9	680	26.9
1924	1,447,200	25,378	17.5	14,580	10.1	1,426	56.2	167	65.8	711	28.0
1925	1,467,600	24,741	16.9	15,280	10.4	1,395	56.4	140	56.6	667	27.0
1926	1,487,600	23,989	16.1	15,670	10.5	1,352	56.4	174	72.5	719	30.0
1927	1,507,800	23,315	15.5	15,950	10.6	1,162	49.8	151	64.8	650	27.9
1928	1,528,200	23,161	15.2	16,723	10.9	1,115	48.1	175	75.6	641	27.7
1929	1,548,400	22,685	14.7	16,413	10.6	1,110	48.9	150	66.1	572	25.2
1930	1,568,000	23,019	14.7	16,678	10.6	1,122	48.7	148	64.3	601	26.1
1931	1,585,000	22,028	13.9	16,524	10.4	1,064	48.3	141	64.0	591	26.8
1932	1,602,500	21,379	13.3	16,581	10.3	967	45.2	139	65.0	530	24.8
1933	1,619,700	20,882	12.9	16,705	10.3	811	38.8	140	67.0	446	21.4
1934	1,636,900	22,484	13.7	17,456	10.7	968	43.1	105	46.7	520	23.1
1935	1,654,000	22,378	13.5	18,046	10.9	998	44.6	120	53.6	469	21.0
1936	1,671,400	23,354	14.0	19,057	11.4	1,064	45.6	115	49.2	468	20.0
1937	1,689,100	24,882	14.7	18,771	11.1	978	39.3	118	47.4	495	19.9
1938	1,706,000	26,702	15.7	18,514	10.9	1,035	38.8	94	35.2	440	16.5
1939	1,723,400	26,471	15.4	18,528	10.8	977	36.9	97	36.6	450	17.0
1940	1,752,400	27,952	16.0	19,837	11.3	969	34.7	89	31.8	459	16.4
1941	1,816,700	30,916	17.0	19,359	10.7	1,065	34.4	66	21.3	445	14.4
1942	1,880,700	38,744	20.6	20,190	10.7	1,278	33.0	78	20.1	606	15.6
1943	1,945,000	44,258	22.8	22,017	11.3	1,534	34.7	72	16.3	575	13.0
1944	2,009,600	44,246	22.0	21,144	10.5	1,493	33.7	72	16.3	607	13.7
1945	2,073,600	44,296	21.4	21,292	10.3	1,523	34.4	79	17.8	672	15.2
1946	2,137,600	51,941	24.3	21,620	10.1	1,723	33.2	65	12.5	869	16.7
1947	2,202,400	58,230	26.4	21,763	9.9	1,630	28.0	59	10.1	907	15.6
1948	2,266,400	55,460	24.5	21,925	9.7	1,525	27.5	36	6.5	776	14.0
1949	2,331,000	56,433	24.2	22,420	9.6	1,526	27.0	36	6.4	850	15.1

		Live Births		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
Year	Population	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1950	2,378,963	55,755	23.4	22,450	9.4	1,526	27.4	28	5.0	799	14.3
1951	2,444,000	57,994	23.7	23,300	9.5	1,412	24.3	23	4.0	852	14.7
1952	2,496,100	61,436	24.6	22,874	9.2	1,522	24.8	15	2.4	857	13.9
1953	2,528,200	61,571	24.4	23,279	9.2	1,556	25.3	18	2.9	834	13.5
1954	2,566,000	62,703	24.4	23,238	9.1	1,514	24.1	29	4.6	829	13.2
1955	2,586,100	62,290	24.1	24,410	9.4	1,520	24.4	16	2.6	806	12.9
1956	2,651,900	64,999	24.5	24,207	9.1	1,524	23.4	13	2.0	777	12.0
1957	2,712,700	65,982	24.3	25,140	9.3	1,596	24.2	20	3.0	793	12.0
1958	2,767,900	65,574	23.7	25,429	9.2	1,707	26.0	11	1.7	764	11.7
1959	2,819,000	65,729	23.3	26,229	9.3	1,570	23.9	9	1.4	749	11.4
1960	2,853,214	65,251	22.9	26,505	9.3	1,528	23.4	17	2.6	738	11.3
1961	2,897,000	65,013	22.4	26,353	9.1	1,467	22.6	19	2.9	756	11.6
1962	2,948,000	64,812	22.0	27,343	9.3	1,476	22.8	6	0.9	704	10.9
1963	2,972,000	61,013	20.5	27,550	9.3	1,339	21.9	10	1.6	657	10.8
1964	3,008,000	57,148	19.0	28,106	9.3	1,277	22.3	7	1.2	637	11.1
1965	3,065,000	52,806	17.2	27,379	8.9	1,130	21.4	15	2.8	639	12.1
1966	3,125,000	51,777	16.6	29,035	9.3	1,084	20.9	13	2.5	554	10.7
1967	3,229,000	54,875	17.1	29,302	9.1	1,050	19.1	12	2.2	573	10.4
1968	3,329,000	57,206	17.2	30,360	9.1	1,120	19.6	8	1.4	620	10.8
1969	3,365,000	59,354	17.6	30,504	9.1	1,118	18.8	12	2.0	651	11.0
1970	3,409,169	60,499	17.7	29,901	8.8	1,135	18.8	9	1.5	640	10.6
1971	3,433,000	55,304	16.1	30,318	8.8	1,008	18.2	5	0.9	574	10.4
1972	3,418,800	48,250	14.1	29,747	8.7	805	17.0	6	1.2	428	8.8
1973	3,424,300	47,636	13.9	30,751	9.0	781	16.4	3	0.6	430	9.0
1974	3,448,100	50,096	14.5	29,773	8.6	763	15.2	4	0.8	450	9.0
1975	3,494,124	50,821	14.5	29,778	8.5	798	15.7	5	1.0	421	8.3
1976	3,571,600	53,004	14.8	30,275	8.5	765	14.4	3	0.6	439	8.3
1977	3,661,975	57,256	15.6	29,789	8.1	696	12.2	5	0.9	426	7.4
1978	3,774,294	58,725	15.6	30,469	8.1	737	12.6	4	0.7	465	7.9
1979	3,911,200	64,377	16.5	30,418	7.8	737	11.4	8	1.2	466	7.2
1980	4,130,163	67,857	16.4	32,012	7.8	798	11.8	10	1.5	533	7.9
1981	4,250,123	69,756	16.4	32,022	7.5	731	10.5	7	1.0	489	7.0
1982	4,264,000	69,529	16.3	32,309	7.6	744	10.7	8	1.2	501	7.2
1983	4,285,100	68,705	16.0	32,631	7.6	653	9.5	6	0.9	474	6.9
1984	4,328,100	68,947	15.9	33,788	7.8	704	10.2	7	1.0	444	6.4
1985	4,384,100	70,226	16.0	34,475	7.9	747	10.6	5	0.7	403	5.7

*Per 1,000 Population **Per 1,000 Live Births ***Per 10,000 Live Births

1961-1969 population figures are revised estimates provided by the Office of Program Planning and Fiscal Management.

1979-1982 maternal death figures are revised totals based on studies conducted by the Health Data Unit.

ANALYSIS

LIST OF

TABLES AND FIGURES OF ANALYSIS SECTION

page

Natality

Figure 1 - Marital Status by Race - WA vs US, 1984........ 13

Figure 2 - Marital Status by Age, Race, Residence......... 15

Figure 3 - Prenatal Care by Marital Status................ 17

Figure 4 - Travel for Delivery by Marital Status by Residence...................................... 19

Figure 5 - Birth Weight by Marital Status................. 21

Mortality

Figure 6 - Characteristics of Childhood Deaths............ 27

Figure 7 - Birth Weight by Cause of Death................. 29

Figure 8 - Family Characteristics by Cause of Death....... 31

Figure 9 - Injury Deaths: More Detail.................... 33

Figure 10 - Time and Place of Injury Deaths............... 35

Induced Terminations of Pregnancy

Table 1a - Selected Statistics by County................. 55

Figure 11 - Statewide Trends, Washington State Residents.. 41

Figure 12 - Statewide Trends, Washington State Occurrences.................................. 41

Figure 13 - Percent of Pregnancies Terminated by Induced Abortion by Age Group, 1981 and 1985.. 43

Figure 14 - Comparative Rates by Year..................... 43

Figure 15 - Comparative Median Ages by Year............... 45

Figure 16 - Abortion Ratio by Year........................ 45

Figure 17 - Age-Specific Abortion Rates by Year........... 47

Figure 18 - Age-Specific Fertility Rates by Year.......... 47

Figure 19 - Repeat Abortions, Proportion by Individual Age Group.................................... 49

Figure 20 - Pregnancy History of Abortion Patients........ 49

Figure 21 - Complication Rates, First and Second Trimester by Year............................. 51

Figure 22 - Second Trimester Abortions, Proportion by Individual Age Group, 1983-1985............... 51

Figure 23 - Travel by Patients, Comparative Proportions by Availability of Treatment Setting.......... 53

Figure 24 - Patients Travelling, Proportion by Individual Age Group.......................... 53

Figure 25 - Map of Abortion Ratios, Washington State Residents.................... 57

Figure 26 - Map of Age-Specific Pregnancy Rates, 15-17 Year-Olds, Washington State Residents... 59

PRESENTED THIS YEAR: DATA ON BIRTHS TO UNMARRIED WOMEN

The number and proportion of births to unmarried mothers has risen steadily since statistics were first collected in 1940. Changing social values have removed some of the stigma from unwed motherhood. This change means that the woman may feel less pressure to have an abortion which she may not want or to marry the baby's father, adding the stresses of a new and possibly unstable marriage to those of childbearing.

On the other hand, despite these changes, single mothers and their children are still more likely to face handicaps such as:

a. Lower socioeconomic status. The prevalence of unwed motherhood is one of the predictors of welfare dependency+.

b. For teenage mothers, interrupted education, making it more difficult to find employment, thus increasing the need for public assistance.

c. Poorer performance by the child on tests of general knowledge and skills, even controlling for social class differences.

d. Social stigma for the child--the feeling of being different from other children.

These adverse outcomes are largely eliminated if the child is adopted after birth++. There may also be differences in risk status between children living with only one parent and children of two parent families where the couple simply chooses not to marry. Unfortunately, available data do not allow differentiation between these situations.

To help determine the possible public health impact of the increase in single motherhood, this report presents data on characteristics of unmarried mothers in Washington State and examines changes over time in those characteristics. The analysis is based primarily on data reported on birth certificates registered with the State of Washington Department of Social and Health Services.

+Moore KA, Caldwell SB, Hofferth SL et al: The Consequences of Early Childbearing, An Analysis of Selected Parental Outcomes Using Results from the National Longitudinal Survey of Young Women. Working Paper 0999-01. The Urban Institute. Washington, 1977.

++Berkov B and Sklar J: Does Illegitimacy Make a Difference? A Study of the Life Chances of Illegitimate Children in California. Pop. Devel. Rev. 2(2) 201-217, 1976.

THE PROPORTION OF SINGLE MOTHERS IS LOW IN WASHINGTON, BUT ONLY FOR BLACKS

In 1984+, about 17 percent of Washington resident births were to unmarried women. This ratio is about 20 percent lower than the national ratio of 21 percent. Thus, Washington ranks relatively low (32nd) in its proportion of mothers who are unmarried. However, this favorable position is largely due to Washington's relatively large white population. Whites generally have lower ratios of single motherhood++ than do other races.

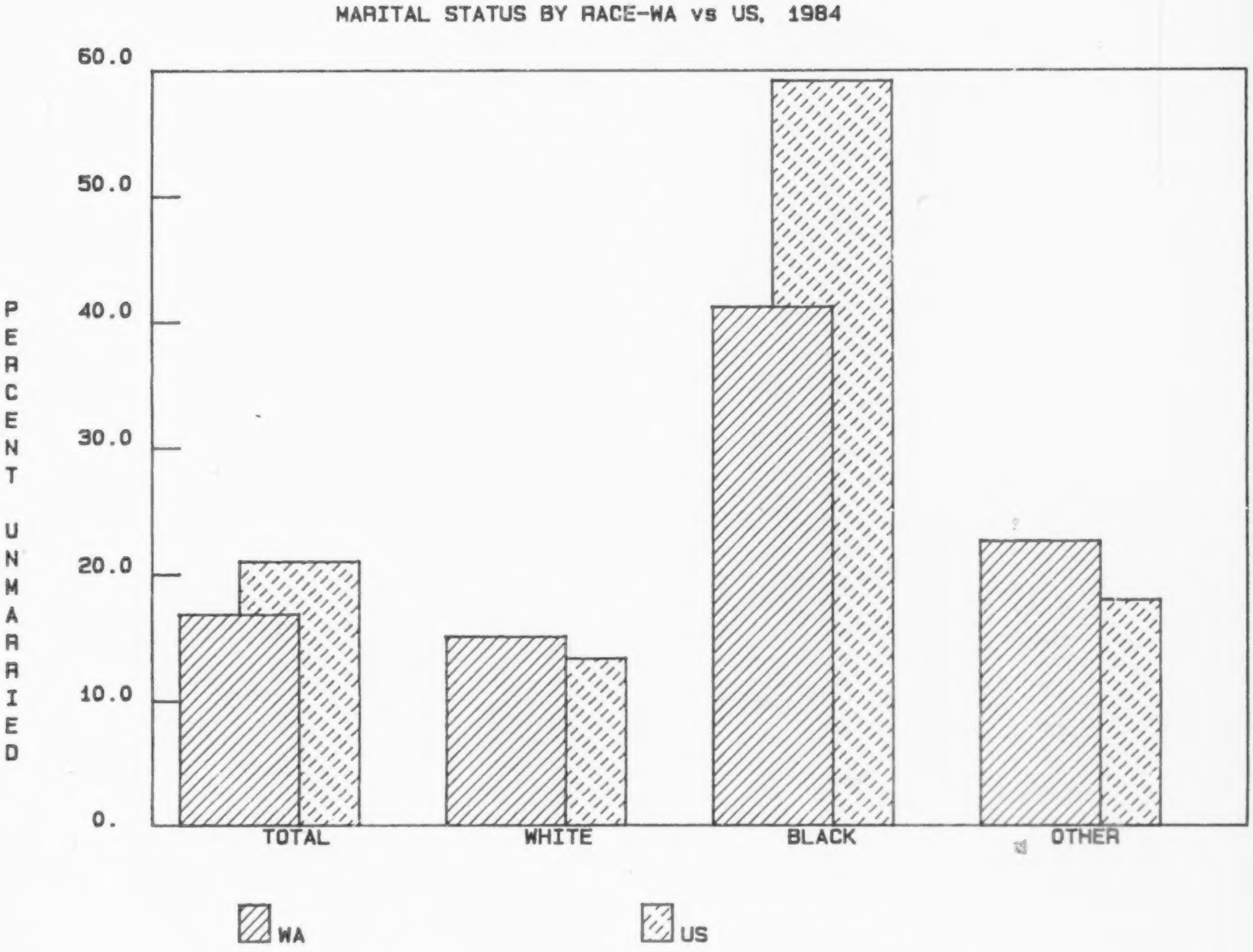
A different relationship is seen when Washington is compared to the US for individual racial groups. The ratio of single motherhood for Washington State blacks is about 30 percent lower than the corresponding US ratio. In general, blacks in the Western states have the lowest ratios of single motherhood, possibly because of their higher socioeconomic status compared to blacks in other areas.

On the other hand, Washington State has a relatively high proportion of single white mothers; Washington State whites have the ninth highest ratio of single motherhood in the country. Also, Washington ratios for 'other' races are about 25 percent higher than US ratios. However, data for this group are difficult to interpret because the mixture of races undoubtedly varies from state to state.

+1984 is used for comparison with the US because national statistics are not yet available for 1985. US data taken from Advance Report of Final Natality Statistics, 1984. NCHS Monthly Vital Statistics Report Vol. 35 No. 4 Supplement, July 18, 1986.

++Ratio of single motherhood = Number of births to unmarried women per 100 live births in particular group.

FIGURE 1


MARITAL STATUS BY RACE-WA vs US, 1984
60.0
50.0
40.0
30.0
20.0
10.0
0.
PERCENT UNMARRIED
TOTAL
WHITE
BLACK
OTHER
WA
US

THE LARGEST INCREASES IN SINGLE MOTHERHOOD ARE FOR WOMEN AGED 20-34 AND ASIANS

Single motherhood is more common in certain groups, notably teenagers+, blacks and Indians, and urban residents. Population characteristics can account in part for these differences. For example, more teenagers are unmarried, so the chances of unwed pregnancy are greater in this age group. It has already been noted that single motherhood is more common among groups of lower socioeconomic status. This factor can explain some of the racial differences. Another factor could be the timing of marriage. There is evidence++ that white couples tend to marry soon after the discovery of the pregnancy, thus 'legitimizing' the child. In contrast, non-white couples may wait to marry until after the birth of the child. Urban residents may have higher ratios of single motherhood because of weaker family and relational structures found in larger cities.

Substantial changes in single motherhood ratios have reduced some of these differences, as the groups with the largest increases are those which had the lowest ratios in 1980. Ratios for women aged 20-34 increased 50 to 70 percent over the five-year period. In addition, for this group there has been a significant decrease+++ in the proportion of unmarried women having their first child, indicating a possible increase in repeat childbearing by unmarried women.

'Other' racial groups had the largest increase in single motherhood, as the ratio more than doubled between 1980 and 1985. This change is largely due to a nearly five-fold increase in the single motherhood ratio for foreign-born Asians (mostly southeast Asians). Typically, foreign-born Asians have been unmarried mothers less often than their US-born counterparts, but this pattern was reversed in 1985. It has been hypothesized++++ that unwed motherhood is more common among groups that have not been completely assimilated, which could be true of the foreign-born Asians who have recently entered Washington State.

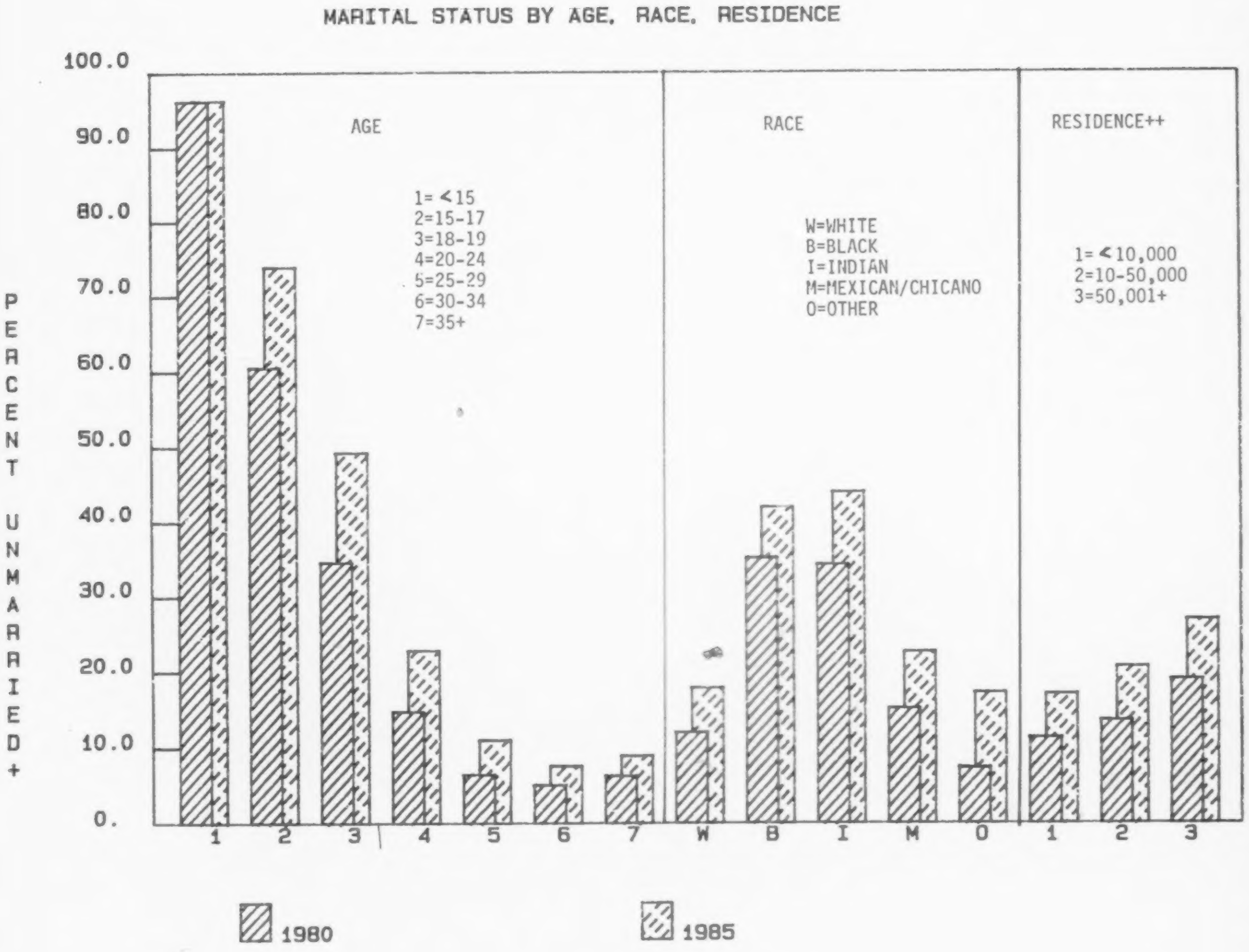
+All subsequent data are age-adjusted to permit comparisons of other characteristics independent of age differences.

++Pratt W: Premarital Pregnancy in a Metropolitan Community, unpublished work.

+++From 49 to 45 percent, $P(X^2) = 0.0001$. Married women had a smaller decrease, from 39 to 38 percent.

++++Goode WJ: Illegitimacy, Anomie, and Cultural Penetration. Amer. Sociol. Rev. 26, 910-925, 1961.

FIGURE 2



+, AGE-ADJUSTED RATES FOR PERCENT UNMARRIED BY RACE AND RESIDENCE

++, NUMBERS REFER TO POPULATION OF CITY OF RESIDENCE; UNDER 10,000 INCLUDES THOSE LIVING OUTSIDE THE LIMITS OF A LARGER CITY. RATES ARE AGE AND RACE-ADJUSTED

SINGLE MOTHERS BEGIN PRENATAL CARE LATER, BUT LATE CARE HAS INCREASED FOR NEARLY EVERYONE

Because they generally have less money and because they may wish to deny or conceal their pregnancies as long as possible, unmarried mothers might be expected to begin care later than married mothers. In fact, in 1985, single mothers had either late+ or no care nearly three times as often as married mothers. The difference in timing of care was smallest for blacks and largest for mothers of 'other' races.

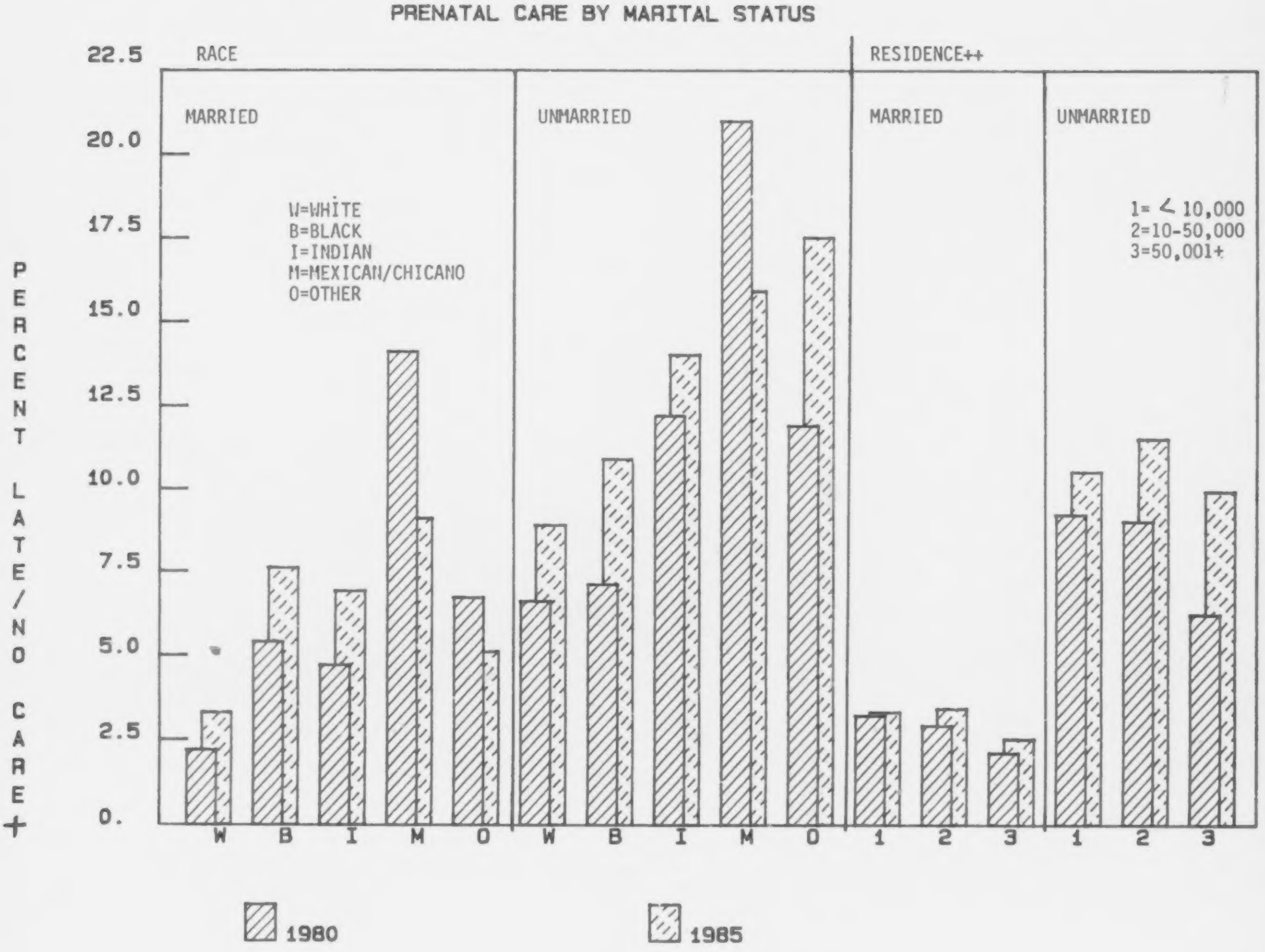
In 1980, urban residents had the lowest incidence of late or no care regardless of marital status. However, recent changes have reduced these differences. Unfortunately, this reduction occurred because of deterioration in some groups rather than improvements in others. For example, the percent of late or no care for unmarried urban residents rose 60 percent between 1980 and 1985, so that now there is no significant difference in the timing of care between urban and other residents.

Since 1980 there has been an increase of about 40 percent in the proportion of late or no care for nearly all races. Only Mexican/Chicano mothers had improvements in use of prenatal care for both married and unmarried women. In contrast, for 'other' races, access to care improved for married mothers but worsened substantially for unmarried mothers, so that this group now has the highest frequency of late or no care. Much of this change is due to an increase in late or no care for unmarried Filipino mothers, particularly foreign-born Filipinos.

For each racial group, similar increases were found for nearly all age groups, so that it was not just the high-risk groups whose use of early care lessened. These changes indicate a reversal of gains made in the previous decade. This reversal is unfortunate because, through early prenatal care, existing medical and obstetric problems can be identified and treated and the prospective mother can be educated about proper hygiene and nutrition, to insure good health for both her and her child.

+Late care is care beginning in the third trimester of pregnancy.

FIGURE 3



+, AGE-ADJUSTED RATES, LATE CARE IS CARE BEGINNING IN THIRD TRIMESTER OF PREGNANCY

++ , NUMBERS REFER TO POPULATION OF CITY OF RESIDENCE; UNDER 10,000 INCLUDES THOSE LIVING OUTSIDE THE LIMITS OF A LARGER CITY . RATES ARE AGE AND RACE-ADJUSTED.

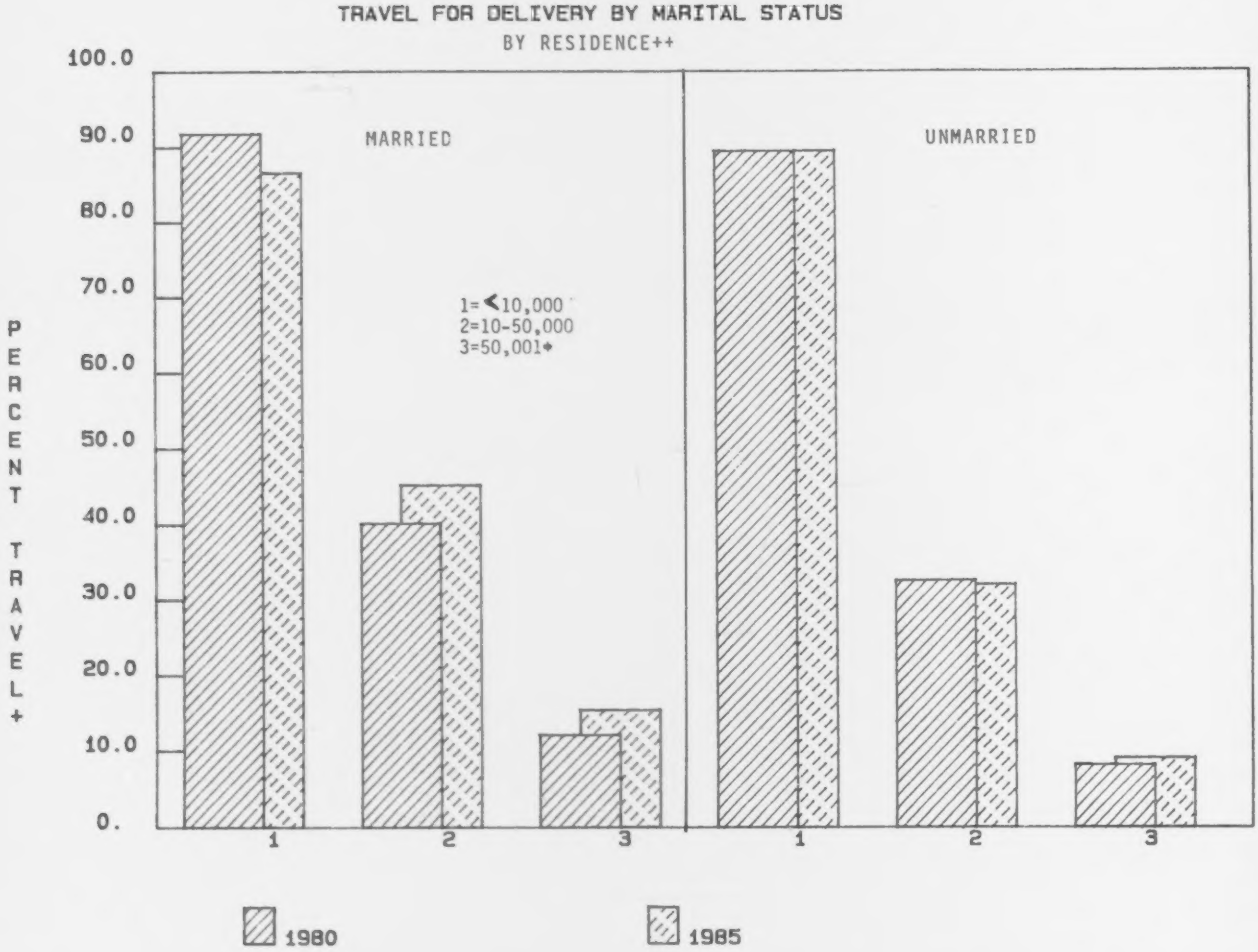
SINGLE MOTHERS GO ELSEWHERE FOR DELIVERY LESS OFTEN THAN MARRIED MOTHERS DO

The decision of where to deliver a baby depends on several factors, such as the type of facilities available nearby, personal preference for a particular type of facility (such as a birthing center), or a perceived need for specialized services only available in large areas. In addition, early, unanticipated labor may cause delivery in a facility or at a place other than the chosen one. For single mothers, the desire for anonymity could make the woman decide to have the baby farther away from her residence. On the other hand, lack of money may preclude such travel, and in fact fewer unmarried mothers had their baby in a different city or town in 1985 (53% of unmarried mothers, as compared to 64% of married mothers). This difference is found for moderate to large cities of residence (10,000 population or greater). For smaller areas, most women have their babies elsewhere, regardless of marital status, probably because facilities are not available in these areas. There was relatively little change in these travel patterns between 1980 and 1985.

Most (more than 90%) of the 1985 mothers had their babies in hospitals, regardless of travel status. There is very little difference in the type of facility used by women who travel and those who do not, except for the obvious difference, that women who do not travel have home births more often.

The above results suggest that neither the desire for anonymity by unwed mothers nor the desire for a particular type of facility has a strong influence on travel patterns for delivery. The need for specialized services may affect the unmarried mother's choice of a facility within her area of residence, however. Compared to married women, single mothers have their babies more often in hospitals and less often at home or in birthing centers, as befits their general higher risk status.

FIGURE 4



+, AGE AND RACE-ADJUSTED RATES; PERCENT TRAVEL IS PERCENT OF CASES WHERE CITY OR TOWN OF DELIVERY IS DIFFERENT FROM CITY OR TOWN OF RESIDENCE

++, NUMBERS REFER TO POPULATION OF CITY OF RESIDENCE; UNDER 10,000 INCLUDES THOSE LIVING OUTSIDE THE LIMITS OF A LARGER CITY

NATALITY

SINGLE MOTHERS HAVE LOW BIRTH WEIGHT INFANTS MORE OFTEN THAN MARRIED MOTHERS DO

In 1985, about 8 percent of babies born to unmarried mothers were of low birth weight+, as compared to 4.6 percent of babies born to married mothers. Similar differences were found for children of all races. These differences persist even when demographic and socioeconomic differences++ and differences in maternal smoking+++ are taken into account. Apparently, within a given social or demographic class, an unmarried mother faces additional difficulties which adversely affect fetal development. It has been suggested that perhaps the desire to conceal the pregnancy as long as possible causes the unmarried woman to diet and thus gain less weight during her pregnancy++++.

Despite increased frequencies of late or no prenatal care, there were very few changes in the incidence of low birth weight between 1980 and 1985. There was very little association between changes in prenatal care and changes in low birth weight, except for Mexican/Chicano mothers, where the decrease in low birth weight paralleled a decrease in late or no care for both married and unmarried mothers.

The problems experienced by unmarried mothers are not confined to their greater chance of bearing a low birth weight infant. Unmarried mothers are nearly twice as likely to have their pregnancy end in fetal death. Even for infants of normal birth weight, those born to unmarried mothers have a 40 percent greater chance of having sepsis, seizures, or fetal distress and a 25 percent greater chance of dying in infancy. On the positive side, normal weight infants born to unmarried mothers do not have congenital malformations more often and their five-minute Apgar score shows most (97%) of them to be in the good-to-excellent range, in agreement with the distribution of Apgar scores for babies born to married mothers.

+Low birth weight is 2500 grams (5.5 lbs) or less.

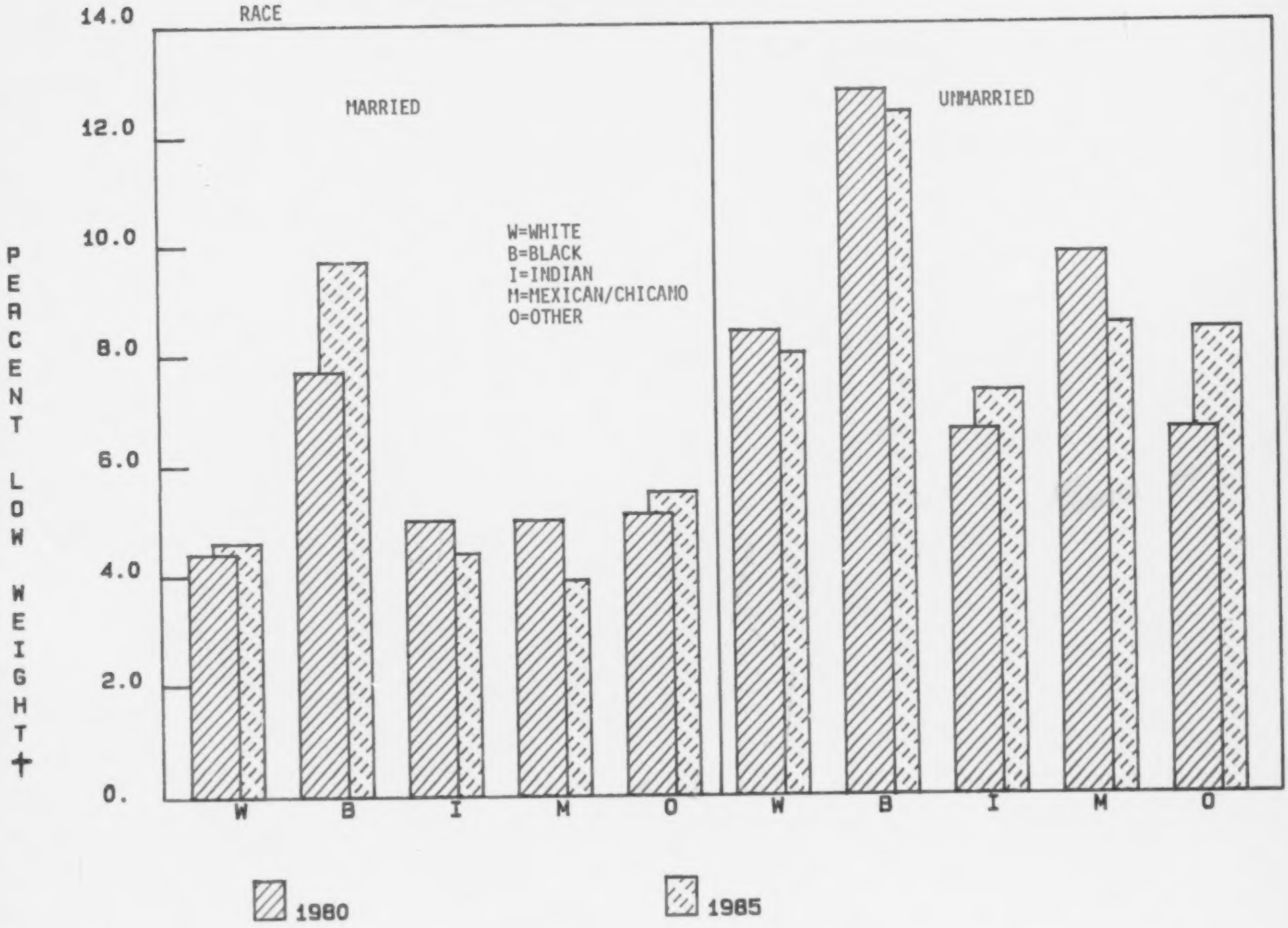
++Taffel S: Factors Associated with Low Birth Weight. Vital and Health Statistics Series 21, No. 37. DHEW Publication No (PHS)80-1915. Public Health Service, Hyattsville, Md., April 1980.

+++More unmarried mothers smoke during pregnancy; however, even among non-smokers, children born to unmarried mothers have low birth weight more often.

++++Ventura SJ: Trends and Differentials in Births to Unmarried Women: United States, 1970-76. Vital and Health Statistics Series 21, No. 36. DHHS Publication No (PHS)80-1914. Public Health Service, Hyattsville, Md., May 1980.

FIGURE 5

BIRTH WEIGHT BY MARITAL STATUS



+, AGE-ADJUSTED RATES, LOW WEIGHT IS ≤2500 GRAMS BIRTH WEIGHT

CONCLUSIONS FROM ANALYSIS: PROBLEMS OF SINGLE MOTHERHOOD REMAIN

Characteristics of single mothers determined in this analysis agree with those identified in other studies, namely that single mothers are more often non-white, they begin prenatal care later, and their pregnancies have worse outcomes (even adjusting for mother's age and race). In addition, this analysis has identified several areas of concern for Washington State:

1. Washington's ratios of single motherhood are higher than US ratios for all races other than blacks. This difference is found for all white mothers under the age of 30 and for all mothers of other (non-black) races aged 20 and older.

2. Much of the recent increase in unwed motherhood has been for women in the 20-34 year age group. To date, much of the concern over unwed motherhood has focussed on teenagers. However, the birth data suggest that attention needs to be paid to single mothers in their 20's and 30's, particularly in view of possible increases in repeat childbearing in this group.

3. The increase in late or no prenatal care does not appear to be correlated with more babies having low birth weight thus far. However, the reasons for this increase should be identified so that the possible future effect can be determined. The potential effect is large, as the increase in late or no care occurred for most age/race groups.

4. Single motherhood has increased sharply for foreign-born Asians. Furthermore, unmarried foreign-born Asian mothers now have late or no care and low birth weight infants+ considerably more often. This result suggests that the role of mother's birth place should be examined as a measure of cultural attitudes towards pregnancy and the role of prenatal care. Some cultural and/or social groups believe that pregnancy is a natural state which does not require medical intervention++. Thus, these groups would be less likely to use prenatal care even if it were available.

+Although the increase in low birth weight between 1980 and 1985 was substantial (56%), it was not significant because of the small numbers involved (<300 births in 1985).

++Herzog E and Bernstein R: Health Services for Unmarried Mothers, Children's Bureau Publication #425, USDHEW, Children's Bureau, Washington D.C., 1964.

MORTALITY

PRESENTED THIS YEAR: DATA ON DEATHS OF PRESCHOOL CHILDREN

Young children, more than any other group except infants, are dependent for their well-being on parents and other concerned adults. At the same time, these children are more mobile than infants and this increased mobility, combined with their curiosity, can lead them more often into potentially hazardous situations, where they can suffer serious injury or even die. The vulnerability of young children makes it the responsibility of all adults to try to prevent injury and death to children if possible and protect those who cannot protect themselves.

To assist prevention programs, this report presents data on deaths of preschool children (i.e., those aged 1-4 years). Much of the analysis is based on data reported on death certificates registered with the State of Washington Department of Social and Health Services during the years 1979-85. Additional data were obtained by linking these deaths to births for children born in Washington State+. Although this analysis is confined to childhood deaths, it is likely that the same or similar characteristics may apply to non-fatal childhood injuries as well, as it has been shown++, at least for infants, that similar factors account for both death and morbidity.

+ This linkage covered 80 percent of the 1979-85 childhood deaths of Washington State residents. Details of the linkage procedure are available upon request.

++Shapiro S, McCormick MC, et al: Relevance of Correlates of Infant Death for Significant Morbidity at One Year of Age. Am. J. Obstet. Gynecol. 136(3), 363-373, 1980.

DEATH RATES FOR PRESCHOOL CHILDREN ARE HIGHEST FOR ONE-YEAR OLDS, BLACK FEMALES, AND INJURIES

The likelihood of death decreases about five-fold if an infant survives the first year+. Even after the first year, death rates decrease steadily as the child grows older. Both infant and childhood death rates have been declining over time. Infant death rates decreased by 80 percent and childhood death rates by 50 percent between 1970 and 1985.

Although in general preschool boys have about 33 percent higher death rates than girls do, this difference is not found for all races. Black girls actually have higher death rates than black boys, at least for Washington State++. However, Washington is unique in this respect; this pattern is not found at the national level or for most other states. Disease conditions (especially blood disorders and diseases of the nervous, circulatory, and respiratory systems) account for many of the 'excess' deaths among black girls in Washington State.

For other races, rates can only be estimated, because of the scarcity of population data. These estimates show that Indian children are about three times as likely to die in early childhood as are white children and 'other' (mostly Asian) children are about half as likely to die. For both Indian and 'other' children, death rates for boys are higher than death rates for girls.

The largest number (49%) of deaths to preschool children are due to injuries (generally received in accidents), regardless of sex or race. In this respect, accident prevention programs might help to save the lives of nearly half of the children who die in their preschool years.

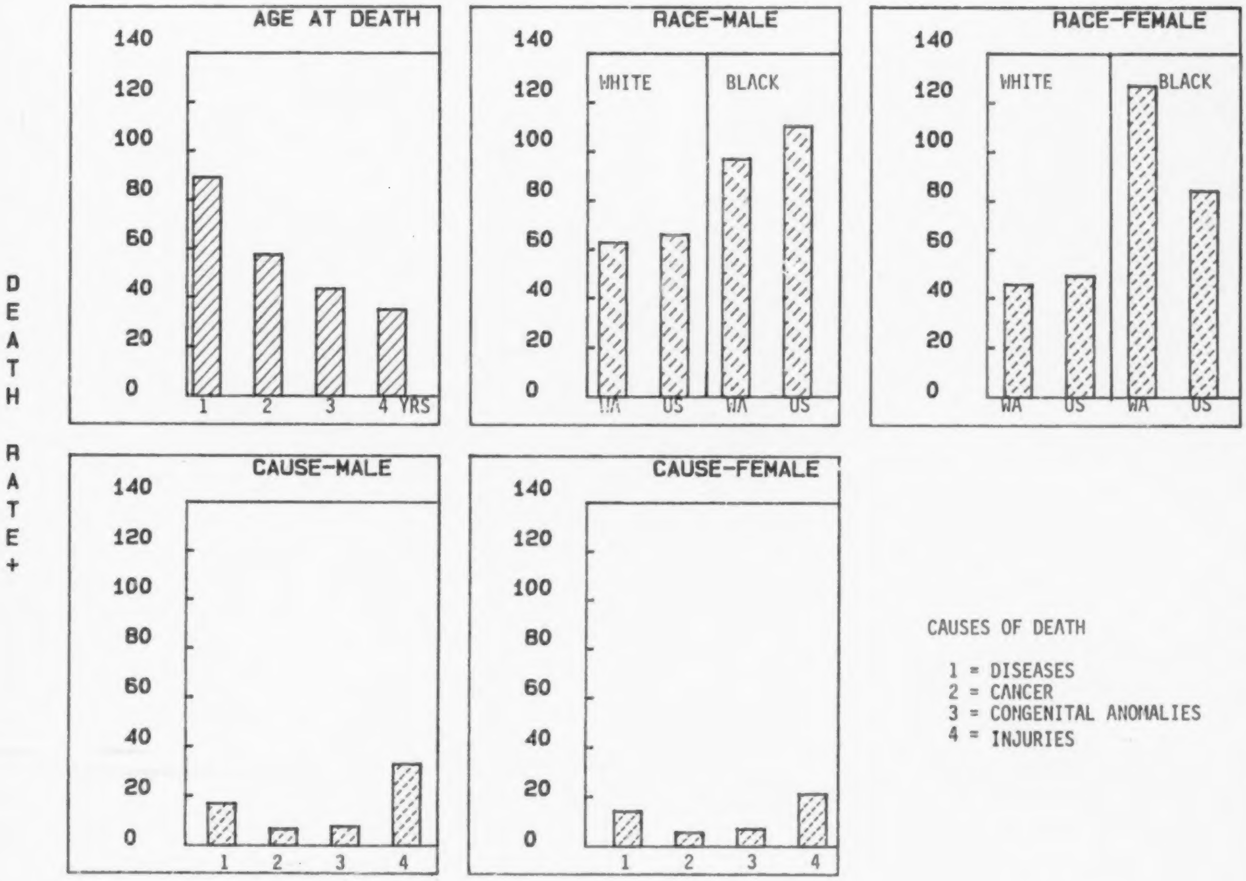
+Comparing one-year old child death rates to post-neonatal infant death rates.

++It should be noted that the number of deaths is small for both black girls (28 deaths) and black boys (22 deaths).

FIGURE 6

DEATHS, CHILDREN AGED 1-4, 1979-85

CHARACTERISTICS OF CHILDHOOD DEATHS



+, DEATH RATE = NUMBER OF DEATHS/100,000 POPULATION

MORTALITY

THE PROBLEMS OF LOW BIRTH WEIGHT EXTEND INTO CHILDHOOD, AT LEAST THROUGH AGE FOUR

Infants of low birth weight (2500 grams or less) have nearly a 30-fold greater chance of dying before their first birthday than do normal birth weight infants. Does this increased risk extend into childhood as well? There are indications that it does, but to a lesser extent. Children who were small at birth have a three-fold greater chance of dying before their fifth birthday, compared to children of normal birth weight.

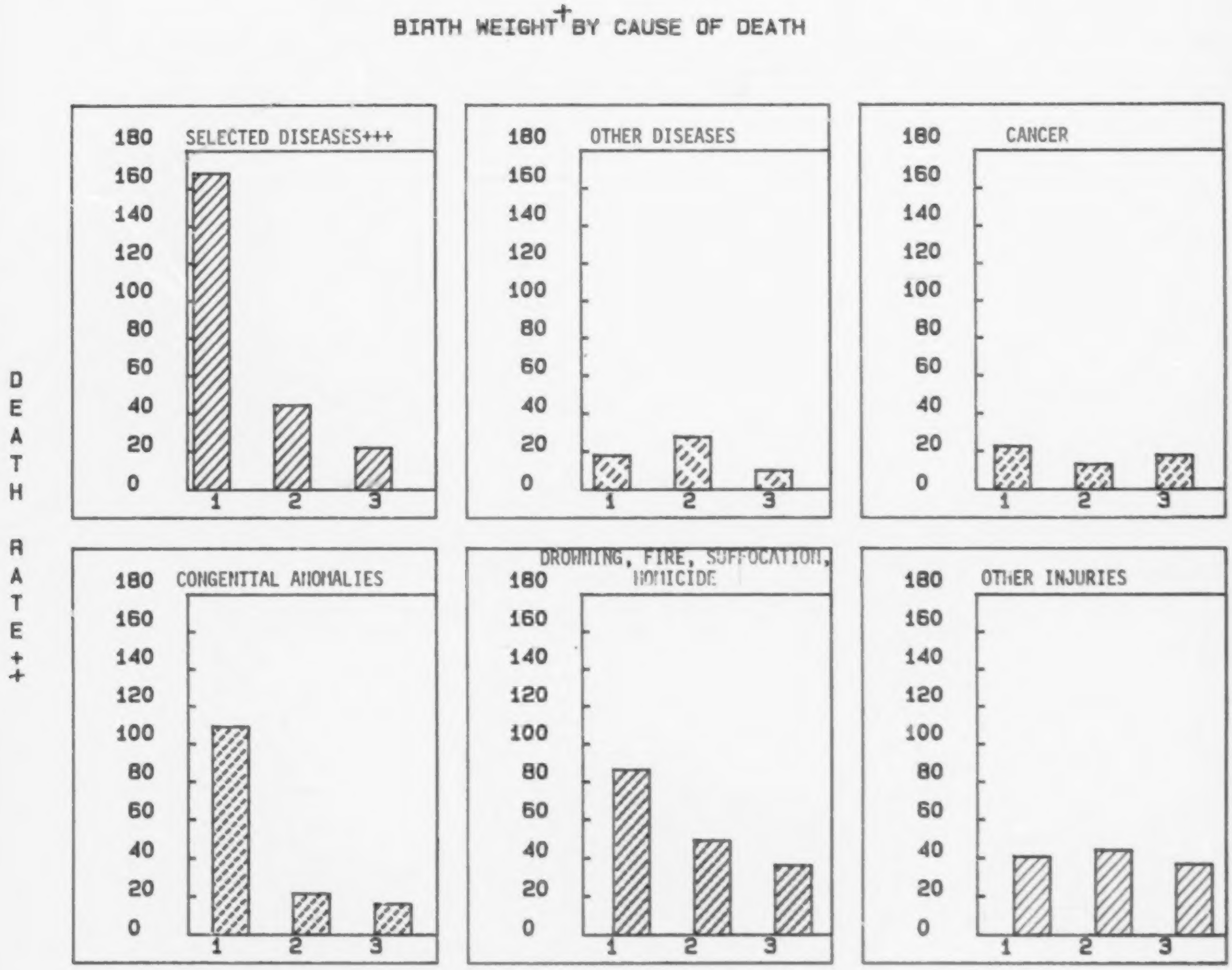
Birth weight is a particularly important factor in deaths from certain disease conditions (diseases of the nervous system, circulatory system and respiratory system, perinatal conditions, and sudden death). This result is consistent with a British study+ which showed that premature children were more likely to die from certain conditions, including lower respiratory infections. Although premature children also have higher death rates from congenital anomalies, this difference occurs largely because more premature children have these anomalies at birth. When deaths are compared to births with congenital anomalies only, the dependence of death rate on birth weight disappears. The only other causes for which birth weight has a significant effect—are certain injury conditions (drowning, fire, suffocation, and homicide).

Several factors can account for the increased mortality among premature children. The nervous and respiratory systems are the last to develop and mature in the fetus. Therefore, these systems may be poorly developed in the premature child, increasing his or her susceptibility to certain diseases or to smoke inhalation during fires, or to suffocation. Low birth weight children may not encounter these conditions more often, but they may react more strongly when they do. Alternatively, birth weight may simply be an indicator of some other factor (such as low socioeconomic status or parental stress resulting in poor parent-child bonding++) which explains the vulnerability of the low birth weight child.

+Douglas JWB and Mogford C: Health of Premature Children from Birth to Four Years. Brit. Med. J. 1, 748-754, 1953.
++Caplan G, Mason EA, and Kaplan DM: Four Studies of Crisis in Parents of Prematures. Comm. Mental Health J. 1(2), 149-161, 1965.

FIGURE 7

DEATHS, CHILDREN AGED 1-4, 1979-85



+, BIRTH WEIGHT CATEGORIES USED
1 = ≤ 2500 GRAMS
2 = 2501-3000 GRAMS
3 = 3001+ GRAMS

++, DEATH RATE = NUMBER OF DEATHS/100,000 SURVIVORS (LIVE BIRTHS MINUS INFANT DEATHS)

+++, INCLUDES DISEASES OF THE NERVOUS SYSTEM, CIRCULATORY SYSTEM, RESPIRATORY SYSTEM, PERINATAL CONDITIONS, AND SUDDEN DEATH

PRESCHOOL CHILDREN WHO DIE FROM INJURIES MORE OFTEN HAVE SIBLINGS

Family characteristics may influence childhood mortality in that childhood death may be more common in certain types of family. Family characteristics available from the birth certificate are age and marital status of the mother and presence of other children in the family (as measured by parity).

The mothers of children who die from disease conditions are younger and more often unmarried and the child is more likely to be the first born (compared to all live births). These characteristics suggest that maternal inexperience may play a role in disease deaths. On the other hand, young unmarried first-time mothers also tend to have low birth weight infants more often. Possibly, the combination of low birth weight and maternal inexperience increases the child's susceptibility to disease.

No strong patterns emerge for deaths from cancer and congenital anomalies. Mothers of children who die of cancer are somewhat (but not substantially) older, relative to births. Children dying of anomalies have family characteristics that resemble those of all children born with anomalies.

Injury deaths occur in families with younger, unmarried mothers and families of higher parity (i.e., more children in the family). This same relationship was found for infant deaths+. There is evidence that mothers spend less time interacting with and caring for second-born children++ and also that children of higher parity are less often wanted+++ compared to first-born children. These factors could contribute to injury deaths among higher-parity children. In these cases, the mother's attention could be divided between several siblings or she may leave the infant or child in care of older siblings who are not well-equipped to provide such care.

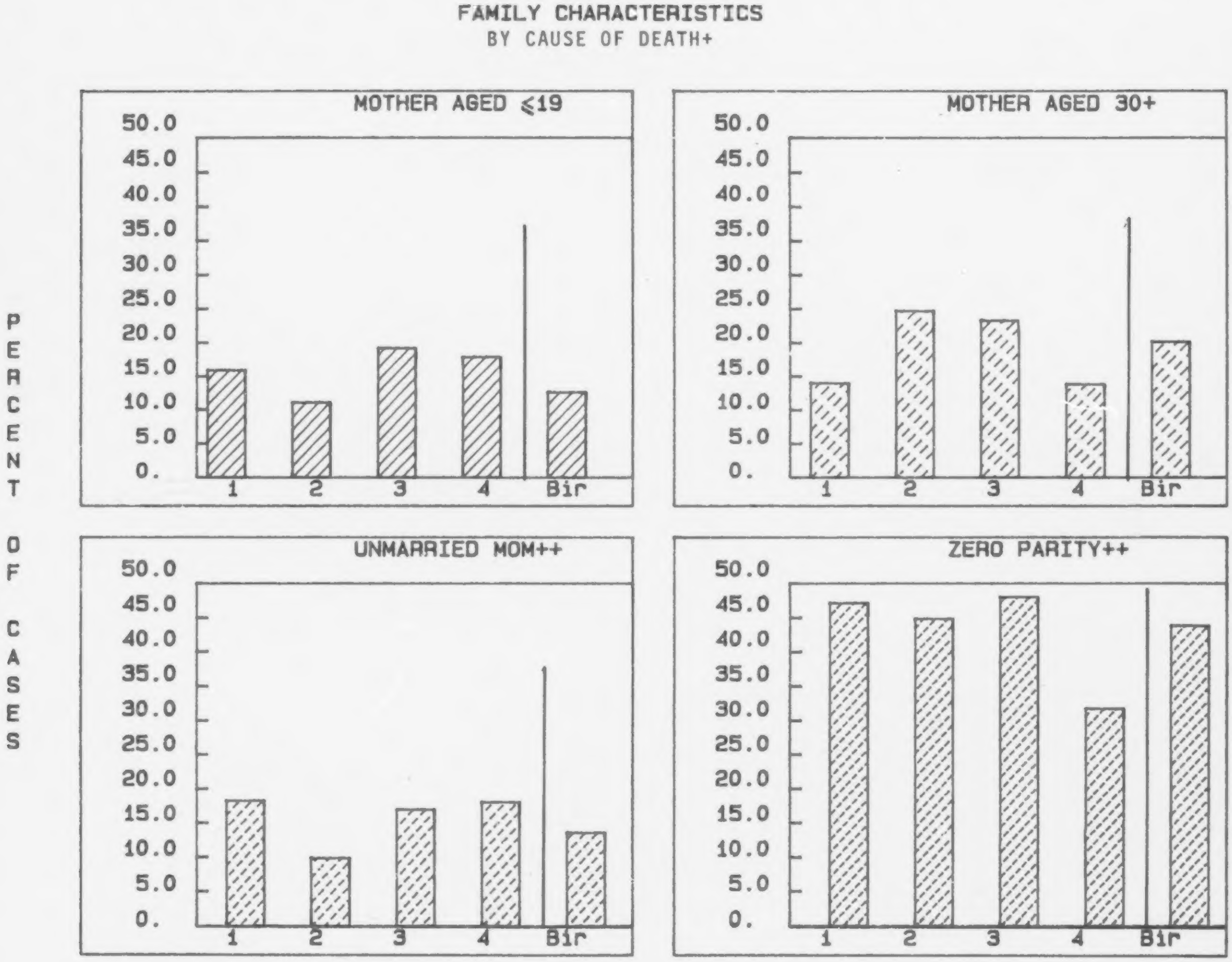
+Wicklund K, Moss S, and Frost F: Effects of Maternal Education, Age, and Parity on Fatal Infant Accidents. Am. J. Public Health 74(10), 1150-1152, 1984.

++Jacobs BS and Moss HA: Birth Order and Sex of Sibling as Determinants of Mother-Infant Interaction. Child Devel. 47, 315-322, 1976.

+++Weller RH and Heuser RL: Wanted and Unwanted Childbearing in the United States: 1968, 1969, and 1972 National Natality Surveys. Vital and Health Statistics Series 2, No. 32. DHEW Publication No (PHS)78-1918. Public Health Service, Hyattsville, Md., September, 1978.

FIGURE 8

DEATHS, CHILDREN AGED 1-4, 1979-85



+, CAUSES OF DEATH
1=DISEASES
2=CANCER
3=CONGENITAL ANOMALIES
4=INJURIES
---.---------
Bir=LIVE BIRTHS (FOR COMPARISON)

++, PERCENTAGES HAVE BEEN ADJUSTED FOR DIFFERENCES IN AGE OF THE MOTHER; PARITY IS NUMBER OF PREVIOUS LIVE BIRTHS

MORTALITY

THE LARGEST NUMBER OF PRESCHOOL CHILDREN DIE BY DROWNING

As previously noted, about half of the deaths of preschool children are due to injuries and therefore preventable, at least in theory. Studying these injuries in more detail may help to determine how they can be prevented.

The leading categories of injury death are drowning, motor vehicle accidents (where the child is a passenger in the car), fires, pedestrian traffic accidents (children being hit by cars), and pedestrian nontraffic accidents (children being run over by vehicles in driveways or parking lots). Together, these five causes account for 74 percent of injury deaths and 36 percent of all deaths of preschool children. Drowning is the leading cause of death for preschool children, but only for white children. For Indian children, the leading cause is fire and for black children, homicide accounts for the largest number of deaths.

The association between injury death and other children in the family (nonzero parity) is found for all categories except motor vehicle accidents and 'other' causes+. Childhood injury deaths occur more often in families of farm workers or unemployed fathers (17% of the deaths, as compared to 5% of all live births) and less often in white collar families (18% of deaths and 32% of births).

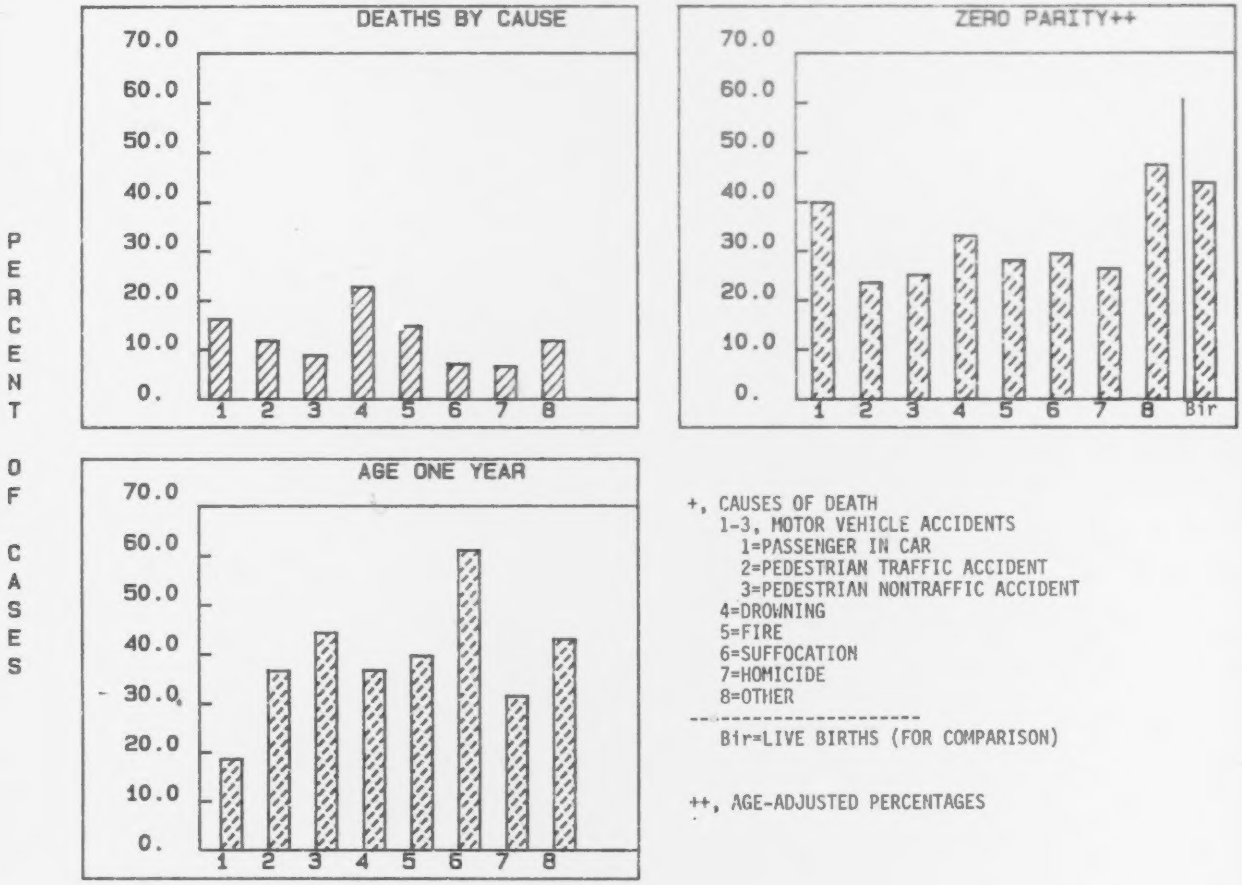
For preschool children, the largest number (37%) of injury deaths occur between the first and second years of life. This age dependence is particularly dramatic for suffocation, where one-year olds account for 61 percent of the deaths. In contrast, deaths from motor vehicle accidents and homicides peak at age two. Motor vehicle accidents are relatively unimportant as a cause of death for one-year old children; presumably either the parents don't take their one-year old child in the car or they are more careful when they do.

+The main causes in this category are falls, being struck by falling objects, and accidental poisoning.

FIGURE 9

DEATHS, CHILDREN AGED 1-4, 1979-85

INJURY DEATHS: MORE DETAIL+



+, CAUSES OF DEATH
  1-3, MOTOR VEHICLE ACCIDENTS
    1=PASSENGER IN CAR
    2=PEDESTRIAN TRAFFIC ACCIDENT
    3=PEDESTRIAN NONTRAFFIC ACCIDENT
  4=DROWNING
  5=FIRE
  6=SUFFOCATION
  7=HOMICIDE
  8=OTHER

  Bir=LIVE BIRTHS (FOR COMPARISON)

++, AGE-ADJUSTED PERCENTAGES

MANY INJURY DEATHS OF PRESCHOOL CHILDREN OCCUR AT HOME, ON SUMMER AFTERNOONS OR EARLY EVENINGS

Motor vehicle and pedestrian accidents and drownings, which are generally 'outside' accidents, occur most often in the summertime and during the hours of 1-8PM. These are the times when the preschool child is likely to be outside playing, when traffic may be heavy, and when the mother's attention might be focussed on other household duties. In contrast, 'inside' deaths such as fires occur more often in winter in the early morning hours, when the family is asleep. Other 'inside' causes such as suffocation and homicide have less seasonal and temporal variation; however, nearly 40 percent of the times of injury are missing for these causes, so that patterns are difficult to discern.

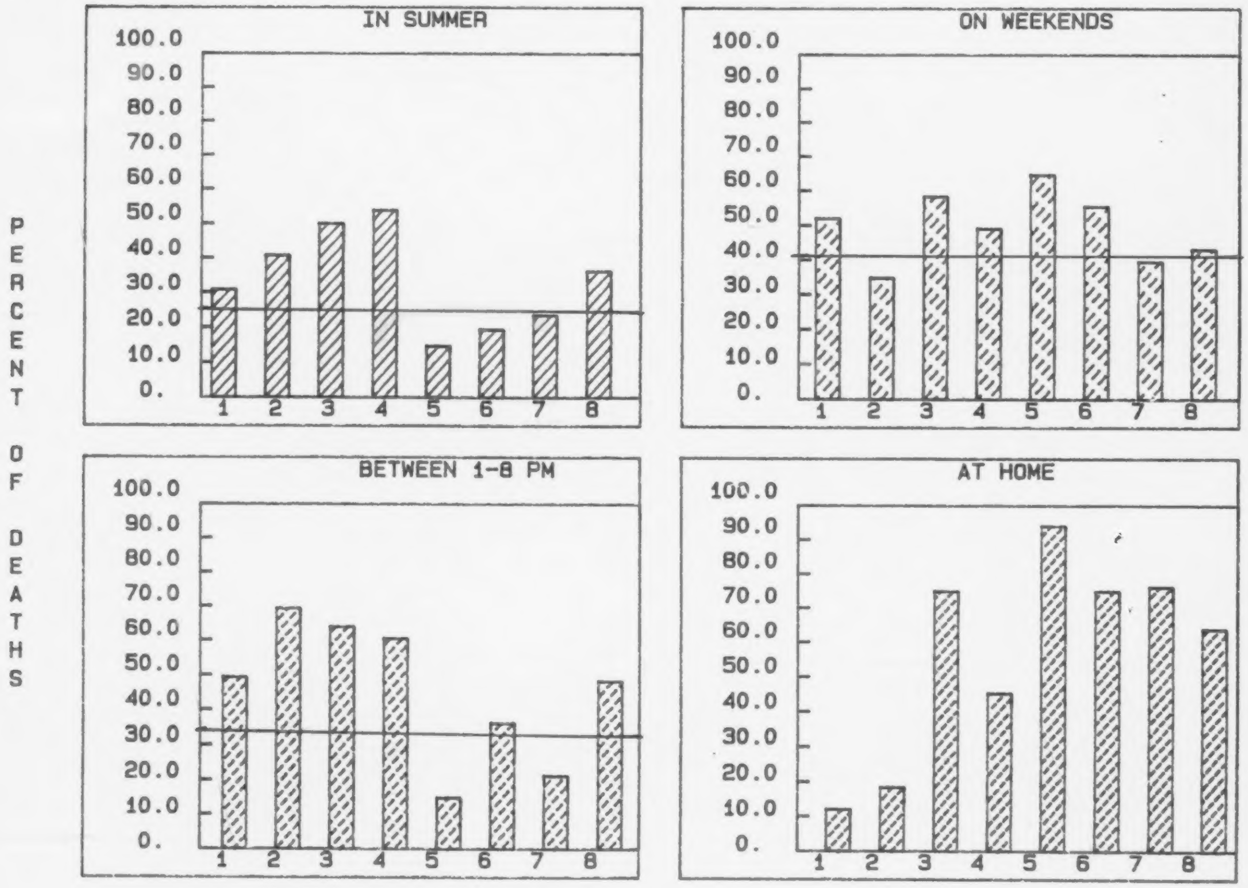
A relatively large number of injury deaths occur on weekends, particularly for fires and pedestrian nontraffic accidents, where children are run over by vehicles in driveways or parking lots. Greater alcohol consumption on the weekends could make the parents more careless and thus increase the possibility of such accidents. Also, parents are likely to be home and using vehicles (for running errands) more often.

Most of the fatal injuries occur at home, probably because preschool children spend most of their time there. The exceptions are traffic accidents, most of which happen on the street, and drownings. Drowning deaths are about evenly divided between those which occur at home (in bathtubs and swimming pools) and in other locations (lakes, rivers, ponds, canals). About 11 percent of the drowning deaths occur in ditches, puddles, or shallow pools, emphasizing how little water it takes for a child to drown.

FIGURE 10

DEATHS, CHILDREN AGED 1-4, 1979-85

TIME AND PLACE OF INJURY DEATHS+



+, CAUSES OF DEATH
- 1-3, MOTOR VEHICLE ACCIDENTS
  - 1=PASSENGER IN CAR
  - 2=PEDESTRIAN TRAFFIC ACCIDENT
  - 3=PEDESTRIAN NONTRAFFIC ACCIDENT
- 4=DROWNING
- 5=FIRE
- 6=SUFFOCATION
- 7=HOMICIDE
- 8=OTHER

HORIZONTAL LINES SHOW PERCENTAGES EXPECTED IF ALL DEATHS WERE EVENLY DISTRIBUTED

CONCLUSIONS FROM ANALYSIS: CHARACTERISTICS OF PRESCHOOL CHILDREN'S DEATHS PRESENTED

Strategies for the prevention of childhood deaths can start by identifying a vulnerable population (in terms of who, what, when, and where) and continue by studying reasons why they are vulnerable. This approach makes it possible both to treat the symptoms (i.e., protect the vulnerable children) and to remove the causes. This analysis of early childhood deaths has identified the following characteristics:

a. Who: One-year olds and black and Indian children (especially black girls) have relatively high death rates.

b. What: The leading causes of death for preschool children are injuries and diseases. The major injuries are from drowning, motor vehicle accidents, and fires (and homicide for black children). The major diseases are diseases of the nervous system (primarily central nervous system disorders such as bacterial meningitis) and respiratory system (primarily pneumonia and influenza).

c. When: Summer days from 1-8PM (and possibly weekends) are the most deadly times for preschool children. This pattern is only found for injuries; other causes have no strong seasonal/temporal variations.

d. Where: Although many (44%) of the early childhood deaths occur in hospitals, the triggering incident generally occurs at home, particularly for injuries. These incidents can occur both inside and outside the house. Driveways or parking lots (for pedestrian accidents) and swimming pools (drowning) are the site of many outside deaths. Bedrooms (fires, suffocation) and bathtubs (drowning, scalding) account for many inside deaths.

e. Why: Factors which may be associated with early childhood death are: maternal inexperience at recognizing the seriousness of some diseases, maternal attention distracted by other children in the family, leaving the child in care of siblings, parental use of alcohol or other drugs on weekends, lower socioeconomic status, and problems arising at birth, such as congenital anomalies and low birth weight. This last factor is of concern because more low birth weight babies survive through infancy today and thus a larger number of children may be at risk for dying in their preschool years.

INDUCED TERMINATIONS OF PREGNANCY

INTRODUCTION

Abortion remains a continuing controversy for Americans. A little over forty laws pertaining to abortion issues were enacted in the various state legislatures in 1985. This was the largest number since 1973; that year, the U.S. Supreme Court recognized a woman's constitutional right to an abortion.(1)

In Washington State, the Legislature addressed the issue of violence and harassment at facilities which provide abortion services. In one action, a resolution condemning violence at clinics was issued. In another, the Legislature acted less specifically, but more firmly, passing the Anti-Harassment Act of 1985. Although the Act does not speak directly to clinic demonstrations, some consider it important protective legislation. The law makes unlawful "the repeated invasions of a person's privacy by acts and threats which show a pattern of harassment."(2)

The intensity of the climate surrounding abortion may have several effects. Undoubtedly, it discourages good reporting by service providers. In addition, abortion likely becomes less attractive as an option to pregnant women, particularly for those most vulnerable to public opinion, such as teenagers. Some may delay their decision into later stages of pregnancy. Ultimately, the lack of consensus dims the clarity of public health goals.

The mission of public health, in its broad sense, can be divided into three principle arenas: prevention, treatment, and cost containment. Certainly, procedures of induced termination with their potential health risk, increase the importance of prevention of unintended pregnancy among public health goals. It is joined by interest in safe, effective treatment and a concern for costs.

The rule requiring the reporting of induced terminations of pregnancy, promulgated in 1973, cites as justification: the assurance of "safe and adequate care and treatment of patients".(3) In addition to the concern for health risks, attention is turned to the evidential contraceptive failure. To evaluate abortion services and issues of unintended pregnancy, there is a need to assess, not only medical factors, such as, gestational age and relative complication risk of procedures, but also, demographic and economic variables as important policy determinants. Social and moral factors, not easily quantified or separated, inescapably cloud any final assessment.

(1) Terry Sollom and Patricia Donovan, "State Laws and the Provision of Family Planning and Abortion Services in 1985," Family Planning Perspectives vol. 17, No. 6, Nov/Dec 1985:266.

(2) Washington Senate Bill 3012, Anti-Harassment Act of 1985, 13 May 1985. Qtd. Sollom.

(3) Washington Administrative Code (WAC) 248-140.

INDUCED TERMINATIONS OF PREGNANCY

This analysis separates the issues in unintended pregnancy and induced abortion along the lines of the previously mentioned public health arenas: prevention, treatment, and cost. This is to suggest a broader context, while facilitating structure of the discussion. Unavoidably, some topics overlap due to the interrelationship of the arenas, themselves.

Concern over prevention in the areas of unintended pregnancy and abortion leads to interest in total abortions, abortions to women under 25 (especially teenagers), and repeat abortion. Treatment issues focus on the health risks of abortion procedures, particularly second trimester procedures. Costs are related to charges by abortion service providers, type of procedure, available treatment setting, and travel. In addition to these topics, differences in rates and ratios for the 39 counties are explored.

SUMMARY OF FINDINGS

An assessment of trends in statewide totals shows decline since 1981 in both total and teenage resident abortions and increase in second trimester and repeat abortions by residents. As will be shown later, while the drop in teenage and total abortions is very likely real, the rise in repeat and second trimester abortions is to some degree an artifact. Occurrence data for the state shows decrease overall in the twelve-year pattern of complications. Examination of information pertinent to cost reveals a definite preference for nonhospital services, and some reduction in travel by patients.

County statistical indicators show wide variation. The abortion rates are moderately associated with metropolitan status. County abortion ratios correlate stongly with median age and urban status. Differences in abortion ratios for women in the 20-24 year age group and pregnancy rates for high school age women are also notable.

LIMITATIONS

The analysis is limited by the data in three ways. First, an undeniable factor is the underreporting of abortion, estimated at 14 percent in 1982 for Washington State by the Alan Guttmacher Institute (AGI).(4) Second, reporting is incomplete as in: patient's race where there is a large quantity of unknowns, or complications where followup is carried out after reports have been completed or by a different provider. Third, data are potentially inaccurate, especially where they must be based on:

---

(4) Susan Tew, Alan Guttmacher Institute (AGI), personal conversation, 3 June 1987.

FIGURE 11

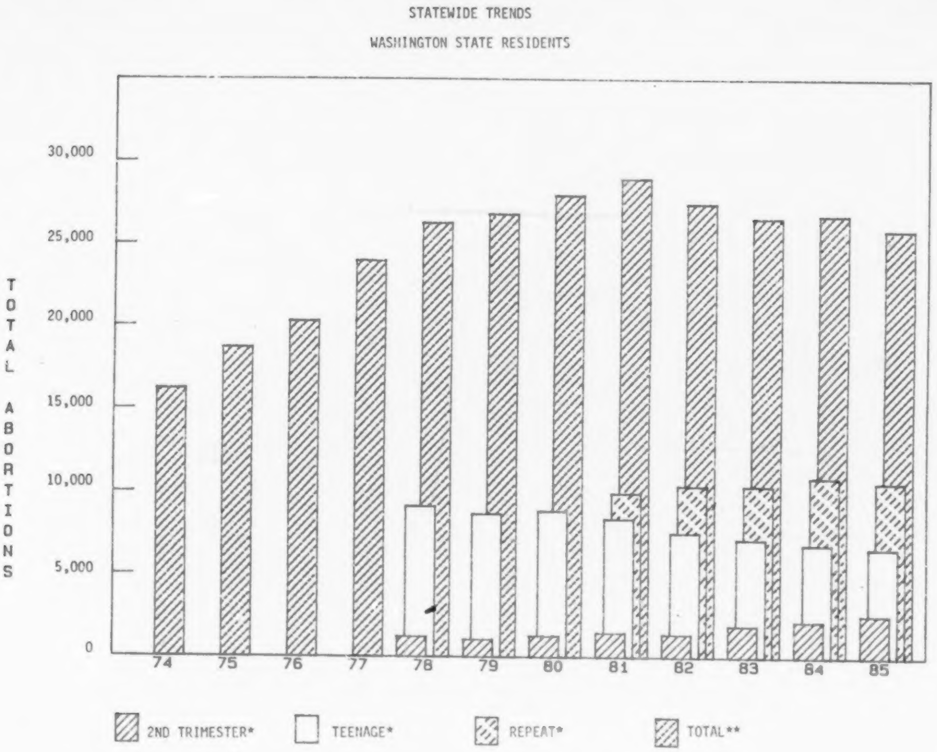
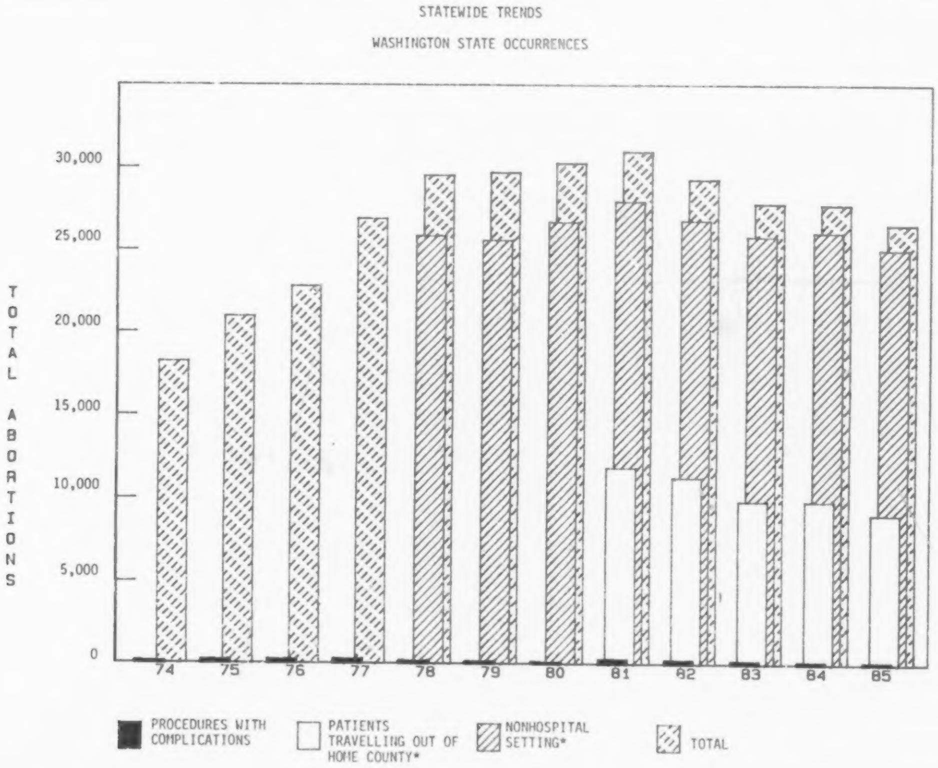


FIGURE 12



*Data unavailable for prior years.

**1974-1977 yearly residence totals are estimates based on occurrence data.

an estimate, such as gestational age, or patients' self-reporting, such as with pregnancy history and age of patient. In this analysis, therefore, discussion of race and the relative safety of procedures are considered outside the potential of the data. The latter topic can be found thoroughly covered in professional literature.(5)

In the analysis which follows, the findings noted earlier are discussed in greater detail, beginning with issues in prevention of contraceptive failure--the changes since 1981 in total resident abortions, including abortions by younger aged women, and repeat abortion.

ISSUES IN PREVENTION

Decline in Total Abortions

Except for a small rise in the number of induced abortions for residents in 1984, there has been a steady decline since 1981, when total reported abortions peaked at 28,968, approximately 3,000 more than the 25,835 reported in 1985.

This decrease in abortions among residents is made up of four components:

1) an overall decline in the number of women becoming pregnant,
2) a change in the population distribution to the extent that there are fewer younger aged women, those with the highest probability of choosing an abortion, and
3) an increasing tendency by women, in nearly all age groups, to carry pregnancies to term, but chiefly
4) fewer induced terminations to younger aged women.

----Fewer Women Becoming Pregnant

In 1981, approximately 99 in every 1,000 resident women in Washington State between the ages of 15 and 44 at some point were pregnant. Of these, roughly 70 gave birth and another 29 obtained an abortion. In comparison in 1985, of every 1,000 resident women in this age group: 92 were pregnant--67 gave birth and 25 received an abortion. Fetal deaths amounted to less than one statistically as part of these figures in each year.

Total reported pregnancies dropped 2,749 from 99,213 in 1981 to 96,464 in 1985. An examination of the slope in the trendline for the rate of pregnancy since 1981 shows an average drop of 1.8 points per year. The pregnancy rate is roughly a sum of abortion and fertility rates--any further difference is accounted for by fetal deaths. Both abortion and fertility rates show nearly equal decline (-0.9 and -0.7, respectively). Part of the de-

---

(5)See Centers for Disease Control: Abortion Surveillance 1981, issued November, 1985.

FIGURE 13

PERCENT OF PREGNANCIES TERMINATED BY INDUCED ABORTION BY AGE GROUP, 1981 AND 1985
WASHINGTON STATE RESIDENTS

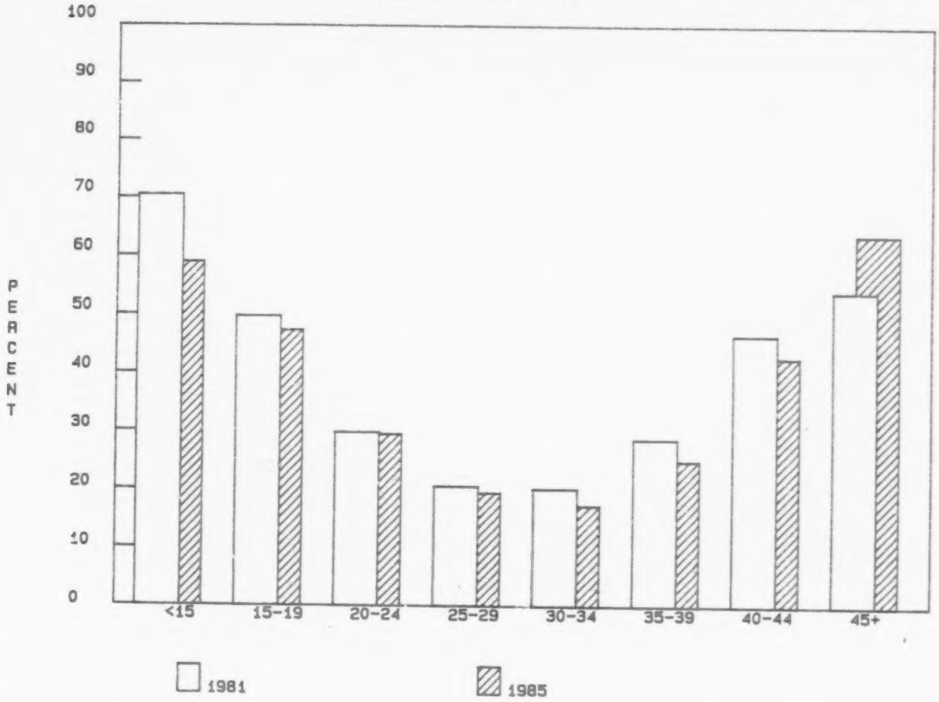
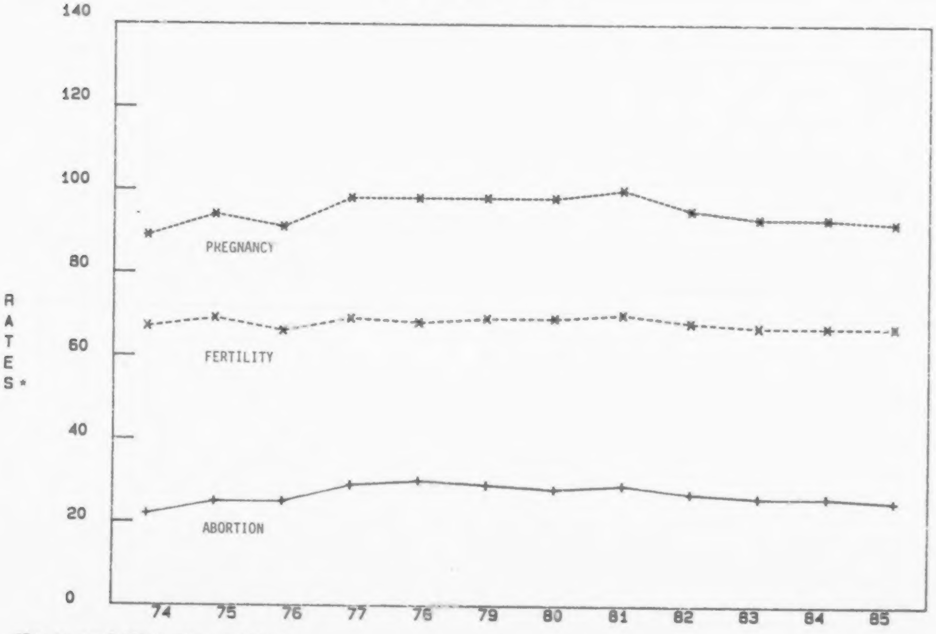


FIGURE 14

COMPARATIVE RATES BY YEAR
WASHINGTON STATE RESIDENTS



*Events per 1,000 female population.

cline in abortion appears reflective, therefore, of a larger pattern showing that overall, fewer women became pregnant.

----Distributional Change In Population

An additional portion of the decline in total abortions can be attributed to a drop in population of women under the age of 25, a consequence of the aging of the "baby boom" generation. For women aged 15 to 24, there was a decrease of ten percent, approximately 36,000 in total population, from 1981 to 1985.(6) Of the total resident abortions, 60% were by women in this age group, a relatively consistent proportion over time.

The distributional change among the age groups for women residing in Washington State is illustrated by the increase in median age for women in the general population, as well as for those obtaining an abortion and for those giving birth. While in 1974, fifty percent of the women in the general population were under the age 28.6, in 1985, the 50% demarcation line moved to 32.2 years of age. The changes in median ages for women undergoing induced terminations or birth delivery mirror the same phenomenon with median ages climbing from 21.4 to 23.1 for abortions and 24.1 to 26.0 for births in the twelve years.

----Increasing Tendency To Carry Pregnancies To Term

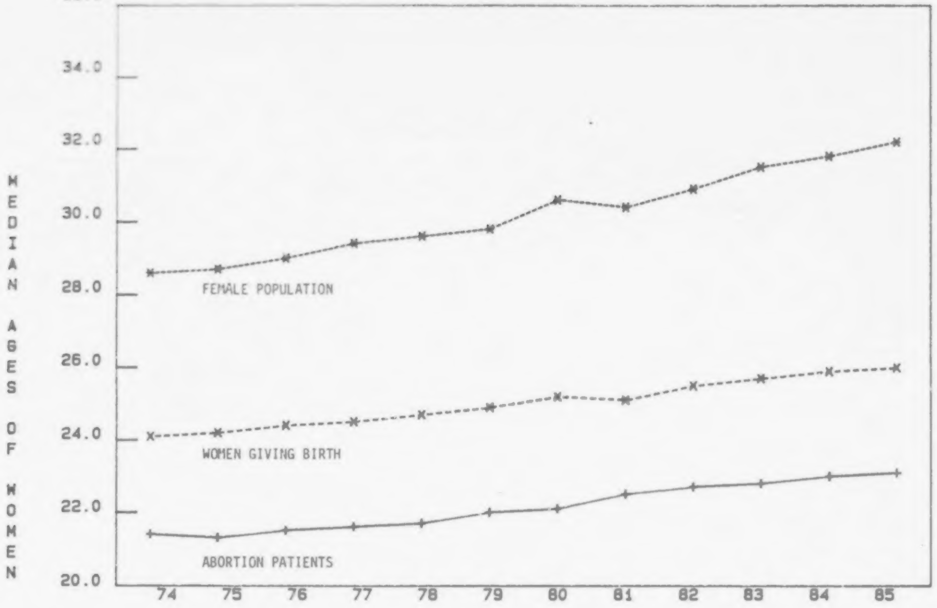
The abortion ratio (the number of abortions per 1,000 live births) is the parameter used to compare the prevalence of abortion among pregnant women. It is a not a function of the total number of women in a population as is a rate, but instead is mindful of only that part of the population of women who became pregnant. It is indicative, moreover, of the decisions by women to carry their pregnancies to term. It should be noted that between abortion rates and ratios, changes are more apparent with ratios, due to the smaller denominator in the ratio.

In 1981, 29 out of every hundred pregnancies (total live births, fetal deaths, and induced abortions) ended in an induced termination. In 1985, this proportion dropped seven percent to 27 in every 100. As a result, there is a corresponding decline in the abortion ratio. The ratio since 1974, was highest in 1978, when it was 447 abortions per 1,000 live births. It peaked again in 1981 at 415. In 1985, it declined eleven percent to 368.

Except for those over 45 years of age, an increasing tendency toward live birth outcomes extends across all age groups. This change in the individual proportion by age group of pregnancies ending as induced terminations is illustrated in Figure 13 on the previous page.

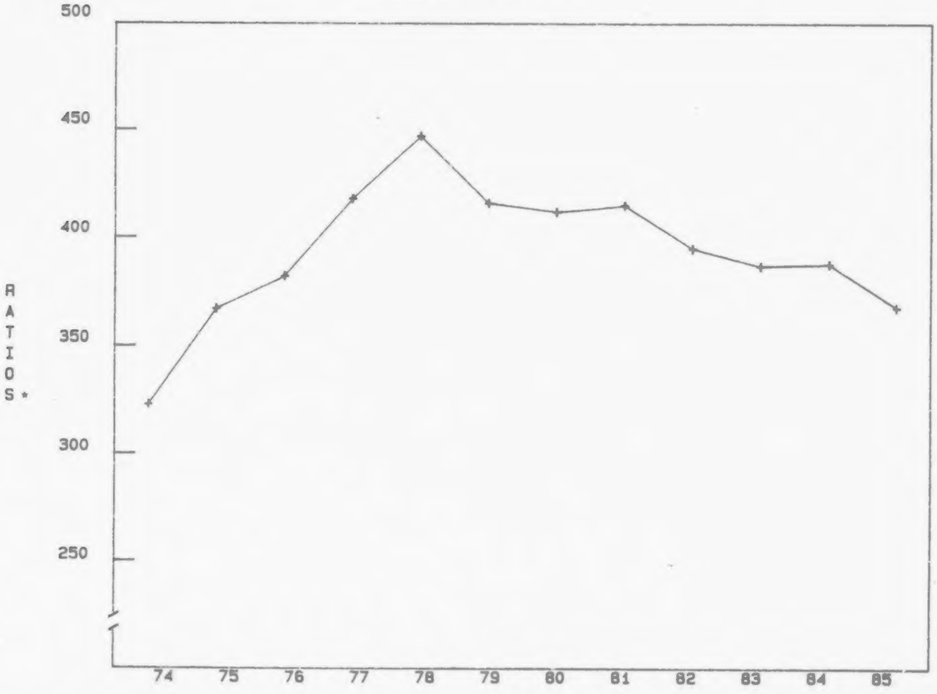
(6)Washington State, Office of Financial Management, Forecasts of the State Population 1986-2010, December 1985.

FIGURE 15


COMPARATIVE MEDIAN AGES BY YEAR

WASHINGTON STATE RESIDENTS

FIGURE 16


ABORTION RATIO BY YEAR

WASHINGTON STATE RESIDENTS

*Abortions per 1,000 live births.

INDUCED TERMINATIONS OF PREGNANCY

----Women Under 25

Almost the entire difference in the yearly abortion totals for 1981 and 1985 can be attributed to a decrease in induced abortion by women under 25 years of age. The total for 20-24 year olds dropped approximately 1,300, while the number for the 15-19 year old age group is nearly 1,700 less than in 1981. The largest percent of abortions remains with the the 20-24 year old age group, close to 34% of all induced terminations.

An examination of abortion rates for these age groups indicates that the lower totals in 1985 are due not only to a smaller risk population in these specific age groups. The age specific abortion rate also experienced a six point decline (47 to 41) for 15-19 year-olds and two points (51 to 49) for 20-24 year-olds.

A comparison of fertility rates also shows decline but nearly the reverse in extent for the two age groups. In contrast, to the small decline in the fertility rate for 15-19 year-olds (47 to 45), the rate for 20-24 year-olds dropped more sharply from 124 to 117. Both downward trends are contrary to an overall pattern of increase in the other age groups.

A corresponding decrease in the pregnancy rates for resident woman aged 15-19 and 20-24 (8 points and 10 points, respectively) follows consequently the decline in abortion and fertility rates. On the other hand, the pregnancy rate for those under 15, even considering the small numbers, shows resistance to any trend, fluctuating between 1.8 to 2.0 in the five years from 1981 to 1985. For these women, the total number of pregnancies differed by 17, from 287 to 270. Of these 270, in 1985, 40% (109) carried the pregnancy to term and 59% (159) obtained an abortion. This compares to 29% (83) and 70% (202), respectively, in 1981. There were two fetal deaths each of these years to women under 15.

The abortion ratio, which compares births and induced abortions directly, shows that the most dramatic percentage decrease in the the number of abortions per thousand live births is for women under fifteen--forty percent. For 15-19 year-olds, the ratio decreased nine percent, to 903; while for 20-24 year-olds the percentage drop is one percent, to 421.

The comparison between 1985 and 1981, the peak reporting year in the twelve years since the Supreme Court ruling on the constitutionality of induced abortion, is interesting for revealing the makeup of the differences between age groups and pregnancy outcomes. It is not meant to be used as a forecast. Five year trends are normally too short for any reliable projection. Some levelling can be expected as a natural consequence in social statistics.

The next part of the analysis pertains to a second issue in prevention of contraceptive failure, repeat abortion. It will be observed that the increase which has occurred over time can be considered to be largely an artifact.

FIGURE 17

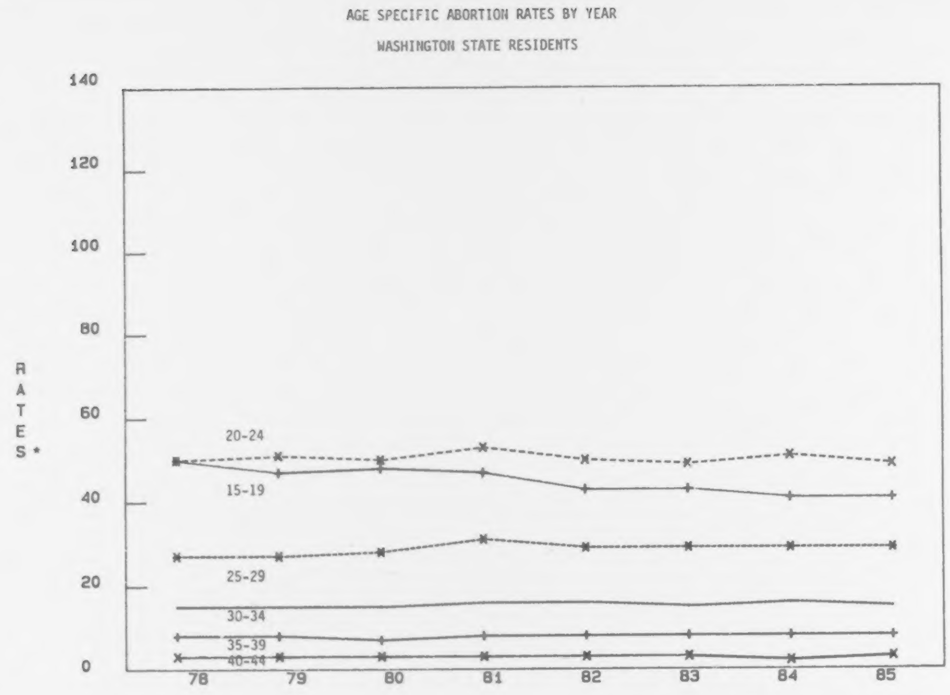
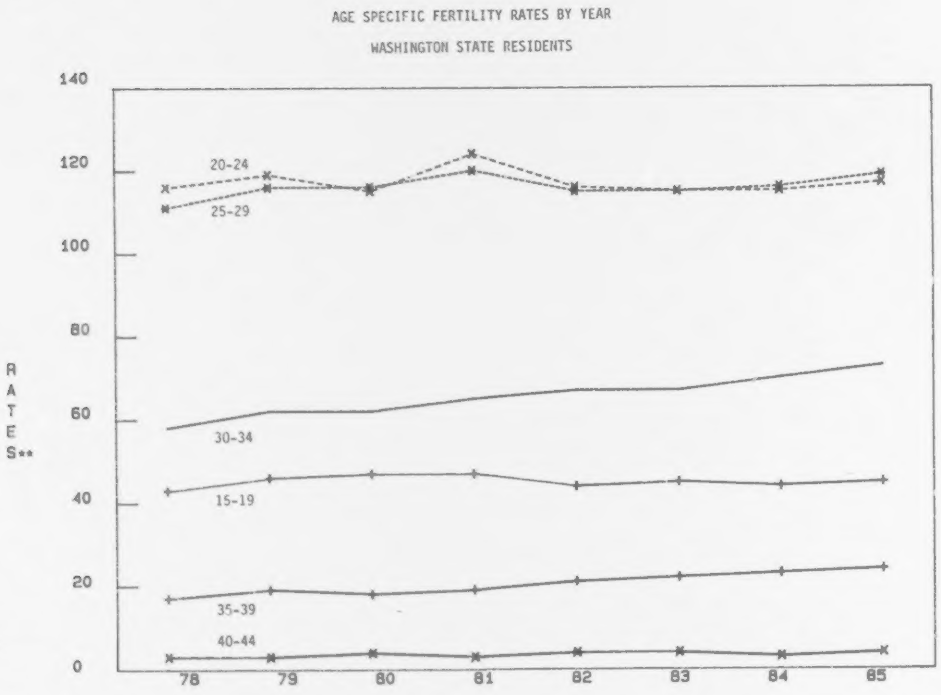


FIGURE 18



*Abortions per 1,000 female population in each age group.
**Live births per 1,000 female population in each age group.

Repeat Abortion

There has been a continuous increase in the proportion of repeat abortions since pregnancy history was first collected on the Abortion Reporting Form in 1981. For some, patient histories of one or more previous abortions generate concern that induced abortion is used instead of less costly, more preferable pregnancy avoidance methods or as a backup measure for contraceptive failure. The short time period in which induced abortions have been legal has not allowed for a conclusive study concerning the medical risks of repeat abortions. It is currently under investigation in the Department of Epidemiology at the University of Washington.

In 1981, 9,918 (37%) of resident induced abortions with reported pregnancy histories could be termed repeat abortions. In 1985, the proportion increased to 44%, 10,562 abortions.(7) This rise in repeat abortions, can be attributed to the short time frame in which induced abortion has been legal. As this time period expands, repeat abortions are expected to achieve and maintain a flatter trend line, as when legal abortions will have been available to women throughout their fertile period.

The pattern of individual age group proportions is, as expected, skewed towards those of an older age, a result of the longer risk period for pregnancy of older women. Over time, the proportion of repeat abortion has been increasing among older aged women, while for those under twenty it has remained constant at approximately one-fifth.

Examination of reported pregnancy histories for abortion patients shows nearly 57% (13,886) were childless, suggesting that the procedure was used in these instances, to delay childbearing. Approximately 5,000 patients with nulliparous backgrounds, 21% of the total resident abortions with reported pregnancy histories, had a history of one or more previous pregnancy terminations. Other pregnancy history patterns, as shown in Figure 20, point to child spacing and termination of childbearing as reasons for seeking abortion. Other factors, not related to pregnancy history, such as improved prenatal tests which can predict the presence of malformations in an unborn fetus, may also influence patients to terminate a pregnancy.

A possible course of action in the area of repeat abortion might be more contraceptive counseling by providers. In the next part of the analysis attention is turned to concerns of treatment and cost. As will be shown the two are somewhat interwoven.

---

(7) 2,299 Abortion reports had no reported pregnancy history in 1981; 1,617 were without histories in 1985. These were excluded in determining the percentages.

FIGURE 19

REPEAT ABORTIONS, PROPORTION BY INDIVIDUAL AGE GROUP*
WASHINGTON STATE RESIDENTS, 1981 AND 1985

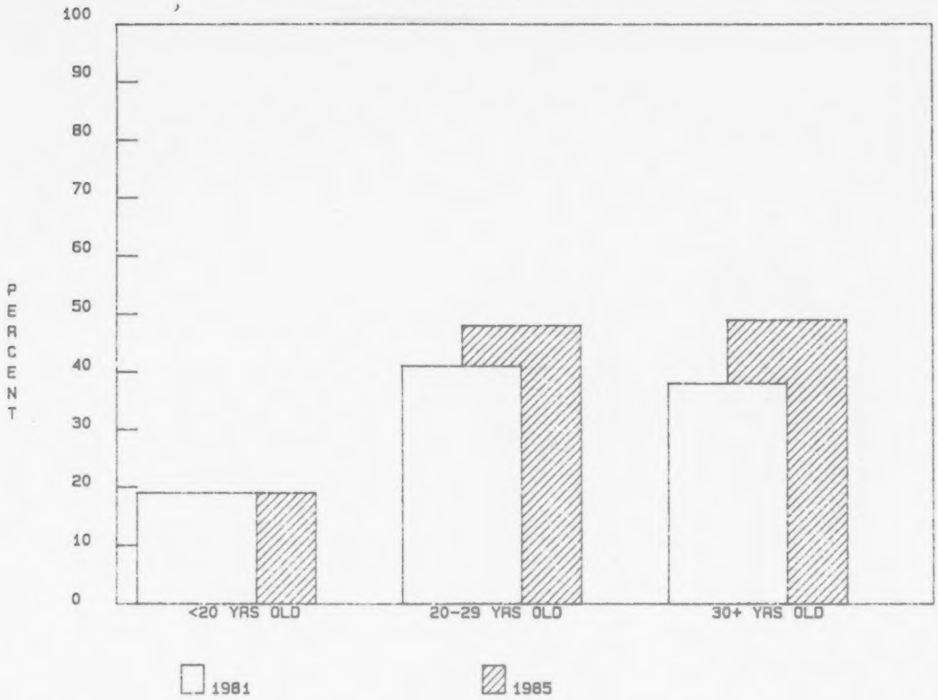
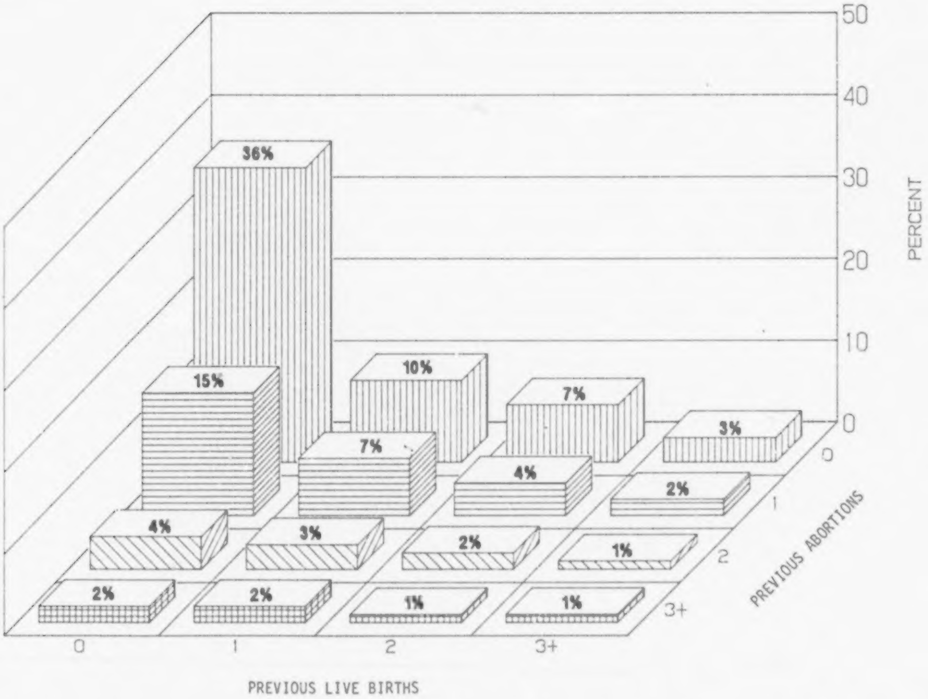


FIGURE 20

PREGNANCY HISTORY OF ABORTION PATIENTS*
WASHINGTON STATE RESIDENTS, 1985



*Does not include 2,299 reported abortions with unknown pregnancy histories in 1981; or 1,617 in 1985.

ISSUES IN TREATMENT AND COST

Second Trimester Abortions

Second trimester abortions, induced terminations performed after the twelfth gestational week, draw attention despite their small number, 2,562 (9.9%). The demonstrated increased risk, "a disproportionate amount of morbidity and mortality" accompanying these procedures warrant this additional scrutiny.(8) Moreover, these second trimester terminations of pregnancy have an acknowledged greater cost.

In Washington State, in 1985, the rate of complications for second trimester procedures is more than three times that of first trimester abortions. There are five reported complications per 1,000 procedures among first trimester abortions performed in Washington State in 1985 compared to 17 per 1,000 for second trimester abortions.

In addition to more complications, the differences in procedures and more elaborate attendant care which are required for terminations of second trimester pregnancies, add to their cost. In 1985, in this state, the most common procedure used in first trimester terminations was suction curettage (98%). In second trimester procedures, it was dilatation and curettage (57%), followed by suction curettage (29%), saline (8%), and prostaglandin (5%).

Both the number and proportion of second trimester terminations by resident women have increased steadily since 1978 when residency data were first made available. The increase in second trimester abortions is, however, partly a reporting artifact caused by a 1983 change in the abortion law.

In December, 1982, the law regulating abortion was liberalized to allow terminations of second trimester pregnancies in approved nonhospital facilities. Some of the increase, therefore, might be a result of improved reporting. Since 1983, nevertheless, the proportion of second trimester abortions has continued to climb, up 28% from 7.7% to 9.9%.

The greatest number of second trimester procedures by residents were obtained by adolescent women, 477 (18%). The probability of a woman having an abortion in her second trimester increases inversely by age. For women under the age of twenty it was 15%; those 20-29, 9%; and women over 30, 6%. The change in these percents from 1983 to 1985 are shown in the figure on the opposite page.

The next section will discuss other items which add financial burden--service availability and provider remuneration.

---

(8)David A. Grimes, MD and Kenneth F. Shulz, MBA, "Morbidity and Mortality from Second-Trimester Abortions", Journal of Reproductive Medicine Vol 30,No. 7, July 1985:506.

FIGURE 21

COMPLICATION RATES, FIRST AND SECOND TRIMESTER BY YEAR
WASHINGTON STATE OCCURRENCES

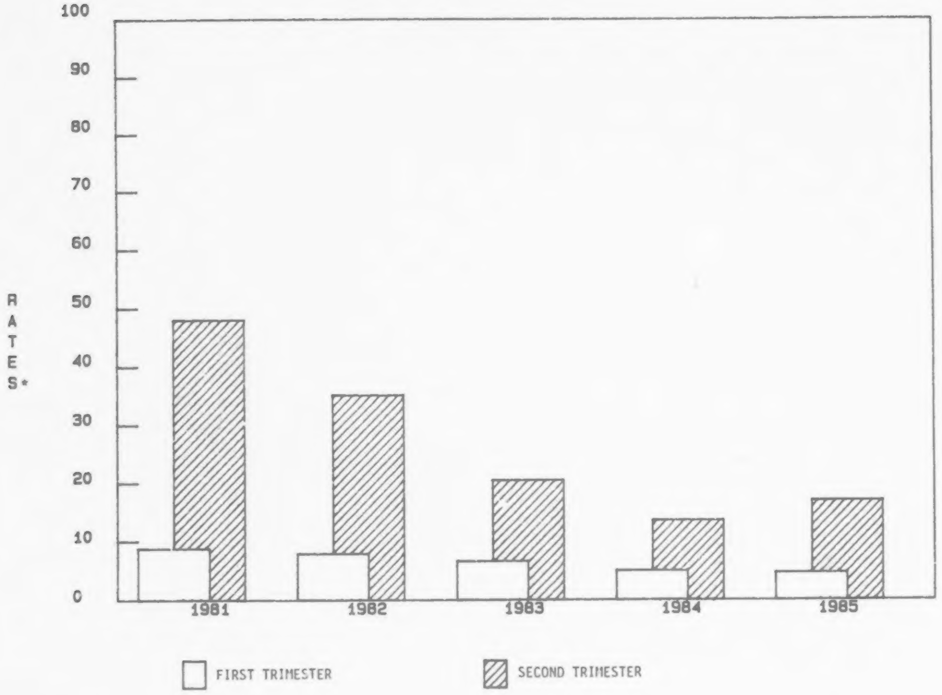
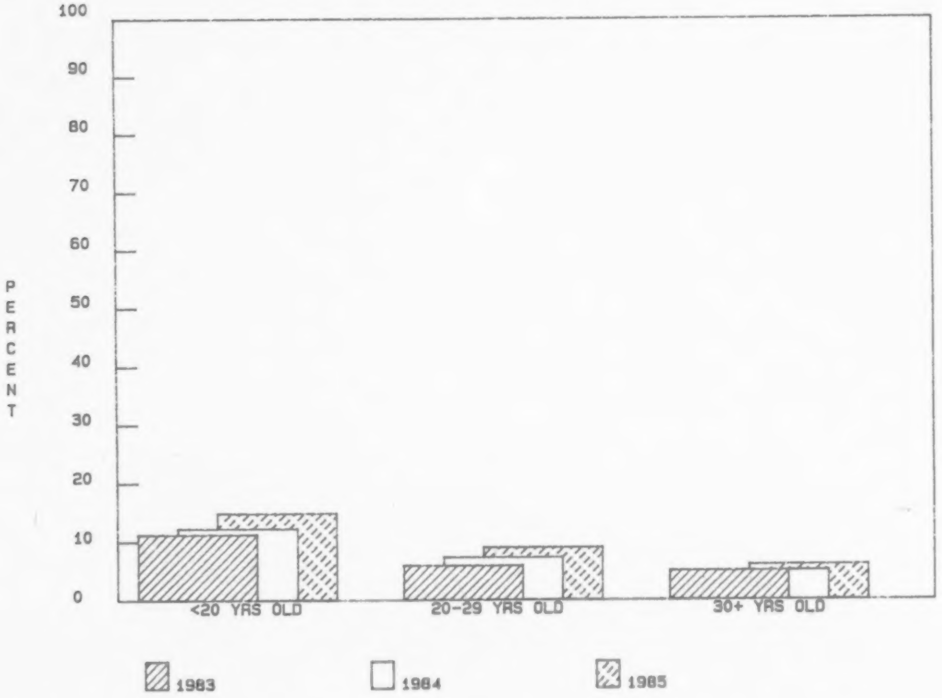


FIGURE 22

SECOND TRIMESTER ABORTIONS, PROPORTION BY INDIVIDUAL AGE GROUP
WASHINGTON STATE RESIDENTS, 1983-1985



*Induced terminations with complications per 1,000 procedures.

Service Availability and Costs

Issues connected with cost containment center around second trimester abortions, already discusssed, and service accessability measured by fees charged by providers, available treatment settings, and amount of travel.

Washington State is among five states with an average cost for an abortion in a nonhospital setting (at ten weeks or less since the patient's last menstrual period) for under $190.00 in 1984-1985.(9) State funded abortions numbered 5,460 in fiscal year 1986 at an average cost of $320.00.(10) The noticeable difference between this cost and the just mentioned average state cost could be from several factors including: (1) a lack of available low cost services to poor women, (2) an excess of second trimester abortions among these women, or (3) the relatively small number of State funded abortions increasing the vulnerability of the average to a few extreme values. The data are insufficient to be conclusive.

Abortion funding is available to all women eligible for medicaid and to other women at or below 150% of the poverty level depending on appropriation levels and the number of applicants within a locale. No federal funds are used to finance induced terminations in Washington State. The comparative number and cost of State funded birth deliveries was 15,108 at an average cost of $1,885.(11)

Added to the cost of an abortion may be the cost of travel and an out-of-town stay. Patients travelling out of their home county account for 32% (8,277) of the total resident abortions in 1985. This evident need to travel is moderately associated with type and availability of service.(12)

Where both hospital and clinic or private office facilities are available, almost 80% of patients sought a provider in their home county. In counties where the only setting available is a hospital, 97% (1,749) of the patients travelled to another county. In addition, there are 13 counties without any providers requiring 1,514 patients seeking induced terminations in 1985 to travel away from their home county. Conversely, despite the availablility of a nonhospital setting in their home county, 5,013 (19%) abortion patients obtained an abortion outside of their home county. In addition to a lack of providers in their

(9)Stanley Henshaw, Jacqueline Forrest, and Jenifor Van Vort, "Abortion Services in the United States, 1984 and 1985", Family Planning Perspectives March/April 1987:69.

(10)State of Washington, Department of Social and Health Services, unpublished data sheet.

(11)Ibid.

(12) λ =.391

FIGURE 23

TRAVEL BY PATIENTS, COMPARATIVE PROPORTIONS BY AVAILABILITY OF TREATMENT SETTING

WASHINGTON STATE RESIDENTS 1985

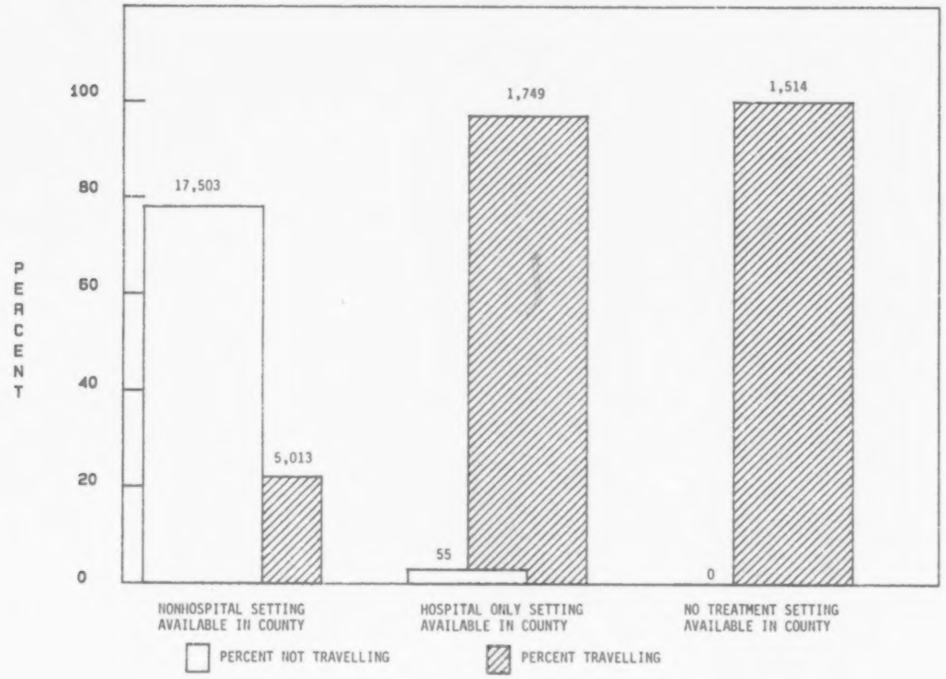
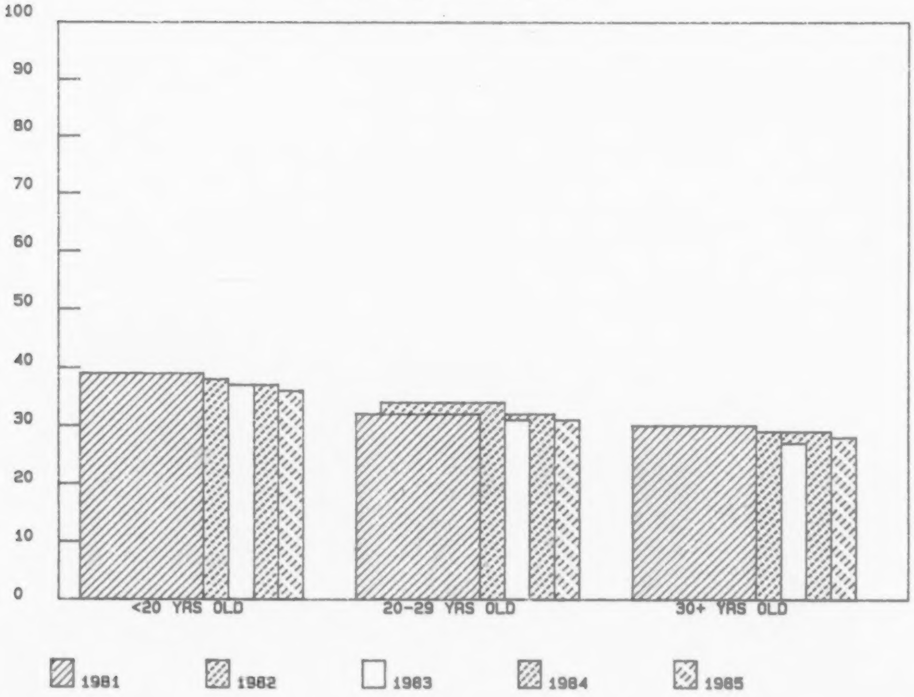


FIGURE 24

PATIENTS TRAVELLING, PROPORTION BY INDIVIDUAL AGE GROUP

WASHINGTON STATE RESIDENTS 1981-1985



home county, the reasons that women travel are speculated to be: 1) a neighboring county has available, affordable services closer to the patient's home and 2) a desire for anonymity.

The probability of a patient obtaining an abortion in a county other than where they reside decreases with age. For women under twenty years of age, 36% sought services outside their home county. For those 20-29 years old, 31% travelled to another county; women 30 years of age and over, 28%. This has changed only slightly downward for all age categories since 1981.

Reducing some of the need to travel and the problems and number of second trimester abortions could have positive effects toward decreasing health risks and monetary costs.

The next section of the analysis will discuss the considerable variation in abortion rates and ratios among counties. The influence of differences in age group distribution and urban character will be noted.

VARIATION AMONG COUNTIES

Abortion rates and ratios vary widely among the 39 counties. This section discusses these variations and the contribution of the variables: age group distribution and metropolitan status. In addition, county data for women of high school age, because of their increased risk, and those aged 20-24, because of their predominance in total induced terminations among all age groups, are analysed separately.

Abortion Rates

A comparison of resident abortion rates by county for the years, 1981 and 1985, shows decline for all but three--Adams, Walla Walla, and Columbia Counties. The increases in these counties might be an artifact due to the small number of events and small populations. The differences in the totals between 1981 and 1985 for these counties is never more than eight. Averaging rates over several years would give a more stable picture in these small counties. A two year moving average over the five years for these counties shows only Columbia County has had a steady increase, rising from 12.4 to 20.2 abortions per 1,000 population in the five years.

A look at the resident abortion rates among the Washington State counties shows a range of 6.9 to 32.1 abortions per 1,000 women. To understand the differences in the abortion rates between counties and to facilitate analysis, the rates for individual counties were adjusted for age to remove the effects of age group differences among the counties. The standard population used was the 1970 U.S. population.

Correlation between the actual resident abortion rates for the 39 counties with their age-adjusted rates is very high indicating that differences in age-group distribution explain little

TABLE 1a

SELECTED STATISTICS BY COUNTY

	AGE-ADJUSTED RATE+	MEDIAN AGE FOR WOMEN AGED 15-44	POPULATION DENSITY++	ABORTION RATIO 20-24 YEAR OLDS+++	TOTAL PREGNANCIES 15-17 YEAR OLDS	PREGNANCY RATE 15-17 YEAR OLDS++++
STATE		29.3		421	5,136	53.4
ADAMS	11.4	29.0	7	222	23	69.5
ASOTIN	9.1	29.3	27	289	28	79.8
BENTON*	10.1	29.4	61	305	133	56.7
CHELAN	12.3	29.5	17	364	65	66.9
CLALLAM	4.1	29.2	30	106	42	39.7
CLARK*	11.8	30.0	324	362	275	60.8
COLUMBIA	10.9	31.0	5	235	4	59.7
COWLITZ	5.1	29.5	70	143	78	45.4
DOUGLAS	6.0	30.3	13	174	23	46.1
FERRY	3.8	29.3	3	23	9	68.2
FRANKLIN*	10.4	28.0	29	267	57	73.5
GARFIELD	3.2	30.8	4	0	5	113.7
GRANT	10.1	29.2	19	218	66	58.3
GRAYS HARBOR	10.9	29.2	33	268	103	76.6
ISLAND	9.1	29.8	232	237	38	41.0
JEFFERSON	3.8	30.2	10	132	14	47.1
KING*	14.7	29.5	633	798	1,492	53.1
KITSAP*	8.5	30.0	427	236	171	51.5
KITTITAS	10.6	26.1	11	675	21	27.0
KLICKITAT	4.6	29.9	9	154	10	30.0
LEWIS	9.5	29.7	24	263	75	60.5
LINCOLN	4.4	30.8	4	103	7	37.3
MASON	7.3	29.7	36	259	37	53.3
OKANOGAN	6.2	30.2	6	98	35	54.8
PACIFIC	7.3	29.3	19	172	16	51.2
PEND OREILLE	7.3	30.6	7	205	13	66.7
PIERCE*	12.2	28.7	313	388	766	63.5
SAN JUAN	5.1	31.0	50	429	3	25.0
SKAGIT	8.5	29.7	39	223	72	50.8
SKAMANIA	6.0	30.0	5	275	8	46.5
SNOHOMISH*	7.8	29.9	178	280	367	44.5
SPOKANE*	10.2	28.6	201	387	377	45.4
STEVENS	6.4	30.1	12	159	38	64.2
THURSTON*	12.6	29.7	192	432	166	54.1
WAHKIAKUM	3.3	30.6	14	0	3	41.1
WALLA WALLA	10.3	27.8	38	400	56	45.5
WHATCOM*	8.8	27.9	55	435	99	34.7
WHITMAN	6.2	23.5	18	634	15	9.2
YAKIMA*	9.6	29.3	43	241	326	78.9
MEDIAN AMONG COUNTIES	8.5	29.5	27	241	38	53.1

*STANDARD METROPOLITAN STATISTICAL AREA (SMSA). SEE TECHNICAL NOTES.

+ABORTIONS PER 1,000 POPULATION ADJUSTED FOR AGE BASED ON 1970 US POPULATION AS A STANDARD.
++POPULATION PER SQUARE MILE, ROUNDED. (WASHINGTON STATE OFFICE OF FINANCIAL MANAGEMENT, 1985 DATA BOOK.)
+++ABORTIONS PER 1,000 LIVE BIRTHS FOR 20-24 YEAR OLDS.
++++PREGNANCIES PER 1,000 FEMALE POPULATION, AGED 15-17. COUNTY POPULATIONS FOR THIS AGE GROUP WERE DETERMINED BY USING STATE TOTALS FOR THIS AGE GROUP AND APPLYING THE SAME PROPORTION TO THE INDIVIDUAL COUNTIES. SOME INACCURACIES MAY HAVE OCCURRED AS A RESULT. (WASHINGTON STATE OFFICE OF FINANCIAL MANAGEMENT, FORCASTS OF THE STATE POPULATION BY AGE AND SEX, 1986-2010, DECEMBER, 1985.)

of the variation between counties.(13) This is further corroborated by the low correlation of the actual rates with the median age of women in each county.(14)

Another factor explored for possible explanation of the variation in individual county abortion rates was urban versus rural character. Metropolitan or urban status was accorded to those counties classified as Standard Metropolitan Statistical Areas (SMSAs) by the U.S. Census Bureau. (See Technical Notes). All other counties were considered rural or nonmetropolitan. The age-adjusted rate was divided at the median (8.5) into low and high rates. The association of rural counties with lower rates and urban counties with higher rates is moderate.(15) Rural counties show an average age-adjusted abortion rate of 7.2; SMSAs, 10.7.

The abortion rate measures the prevalence of abortion within a population of women. Some understanding of the rate and the differences between counties is gained when it is seen logically as a function of two other indicators, the pregnancy rate and the abortion ratio. The pregnancy rate (pregnancies per thousand women, aged 15-44) is a measure of how many of the risk population became pregnant. The abortion ratio (abortions per thousand live births) closely approximates the degree to which pregnant women within a given population obtained an abortion. Changes in either directly effects the abortion rate.

Examination of the abortion rate should include some appreciation for the influence of both these indicators. In the next portion, variation between Washington State counties' abortion ratios is discussed.

Abortion Ratios

The propensity for carrying a pregnancy to term, as measured by the abortion ratio, also shows large differences among the counties. The range is 107 to 560 abortions per thousand live births. Somewhat dissimilar to the case for the abortion rate, differences in age group distribution, expressed by median age, and urban character, measured by population density, provide strong statistical explanation for the variation in county abortion ratios.(16)

A mathematical model built on these two variables shows that for every year of increase in median age, the abortion ratio for an individual county averages a 50 point decrease in the abortion

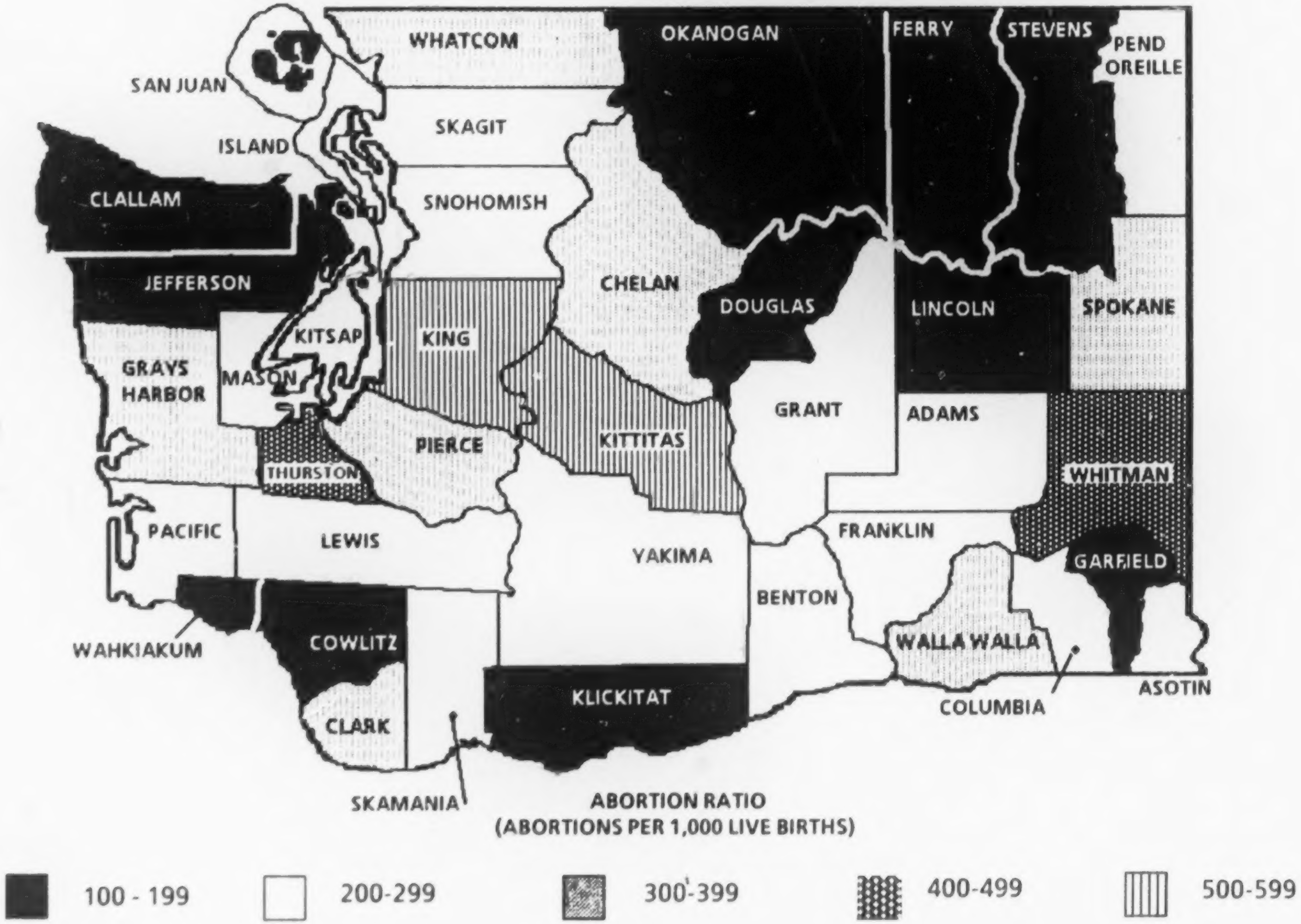
(13) $R=.978$; $R^2=.956$

(14) $R=-.392$; $R^2=.153$

(15) LAMBDA =.368

(16) R abortion ratio, mdn age, pop. density=.781; $R^2=.610$
R abortion rate, mdn age, pop. density=.632; $R^2=.399$

ABORTION RATIOS
WASHINGTON STATE RESIDENTS, 1985


WHATCOM
OKANOGAN
FERRY
STEVENS
PEND OREILLE
SAN JUAN
SKAGIT
ISLAND
CLALLAM
SNOHOMISH
CHELAN
JEFFERSON
DOUGLAS
LINCOLN
SPOKANE
KITSAP
KING
GRAYS HARBOR
MASON
GRANT
ADAMS
PIERCE
KITTITAS
THURSTON
WHITMAN
PACIFIC
LEWIS
YAKIMA
FRANKLIN
GARFIELD
BENTON
WAHKIAKUM
COWLITZ
WALLA WALLA
KLICKITAT
ASOTIN
COLUMBIA
CLARK
SKAMANIA
ABORTION RATIO
(ABORTIONS PER 1,000 LIVE BIRTHS)
100 - 199
200-299
300-399
400-499
500-599

ratio; and for every additional 5 people per square mile, a two point increase. Counties with a high population density and large younger age population are predicted to have a high abortion ratio. The equation explains approximately 61% of the variation; 38% by changes in median ages; 23%, by population density.

Those counties showing the greatest distance between actual and predicted values, with their standardized residual scores listed parenthetically are Kittitas (+2.6), Clark (+2.2), Kitsap (-2.1), and Whitman (-2.0). Those with positive scores have a higher ratio and those with negative scores have a lower ratio than might be expected under the assumptions of the model. The distances between the predicted and actual values are an indication of the need for additional analysis with the inclusion of more variables.

Younger Aged Women

County variation of statistical indicators for pregnancy and abortion of women under the age of 18 and women between the ages, 20 and 24, deserves special consideration. Women in the 20-24 years age group have the highest abortion rate of all age groups. Women under 18 are vulnerable not only to increased health risk, but also financial and social pressures. In addition, there is presumed increased social dependency by these high school aged pregnant women.

Induced terminations by women aged 20-24 contribute the most of any age group to the total of induced terminations. It is not unexpected then, that the individual county abortion ratios correlate most highly with abortion ratios of this age group.(17) The range in the abortion ratio for the 20-24 years age group is from zero in Garfield and Wahkiakum Counties to 798 abortions per thousand live births in King County. Two other counties with relatively high ratios for 20-24 year olds are Kittitas (675) and Whitman (634). It may be of some importance to planning to note that counties which rank as the leading five, also, each contain a four-year college. Resident abortion ratios for 20-24 year-olds by county are listed in Table 1a.

Counties which have high abortion ratios for 20-24 year-olds do not also have high rates of pregnancy for high school age women, those aged 15-17. Whitman and Kittitas are in the lowest three and King County is at the median when the 39 counties are ranked by high school age pregnancy rate. The numbers of births and abortions in some individual counties are too small to allow for comparison of abortion ratios. These numbers, however, are available in the tables section of this report. Statewide, there were 5,136 reported pregnancies among high school age women residents in 1985, and women in this age group terminated 53% (2,723) of their pregnancies by induced abortion.

(17) $R=.908$; $R^2=.824$

INDUCED TERMINATIONS OF PREGNANCY

The social and medical risks for pregnant teenagers are both apparent and well documented. The table on page 55 shows the variation in age-specific pregnancy rates for high school age women in each county. Some caution should be used in interpreting these rates. Eight counties had ten or fewer total pregnancies among these 15-17 year-old resident women. These are Columbia, Ferry, Garfield, Klickitat, Lincoln, San Juan, Skamania, and Wahkiakum Counties.

The different rates and ratios of the 39 counties invite further analysis which might lead to age and location specific strategies.

CONCLUSION

The environmental setting for issues related to unintended pregnancy and induced abortion includes demographic variables of age, race, residency, socioeconomic standing, and marital status of patients; medical factors of gestational age, procedures, complications, and pregnancy history; service delivery variables of geographic access and costs--in addition, to societal attitudes and legal sanctions. The State Abortion Reporting System is able to offer only a few of these factors for study.

The attempt has been to present possible trends and associations and to explain qualifications which would assist interpretation. The downward trend in total induced terminations may not continue; instead, establishment of a more level pattern might reasonably be expected. Second trimester terminations, repeat abortions, and cost components should continue to be monitored as health risk and financial factors. Finally, study of differences between age groups and locations could assist efficient resource allocation.

Page 60 should be blank.

NATALITY

TABLE 1

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1985

A. RESIDENCE, BY RACE BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	70,226	35,852	34,372	2
WHITE	59,046	30,181	28,863	2
BLACK	3,251	1,629	1,622	
MEXICAN/ CHICANO	2,181	1,105	1,076	
INDIAN	1,793	908	885	
JAPANESE	360	179	181	
CHINESE	249	135	114	
FILIPINO	672	334	338	
OTHER ASIAN	2,333	1,214	1,119	
OTHER	15	4	11	
UNKNOWN	326	163	163	

B. RESIDENCE, BY MOTHER'S AGE GROUP BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	70,226	35,852	34,372	2
UNDER 15	109	64	45	
15 - 17	2,391	1,202	1,189	
18 - 19	4,720	2,388	2,332	
20 - 24	20,918	10,779	10,139	
25 - 29	22,878	11,665	11,213	
30 - 34	14,314	7,254	7,058	2
35 - 39	4,344	2,242	2,102	
40 - 44	496	233	263	
45 AND OVER	17	11	6	
UNKNOWN	39	14	25	

C. RESIDENCE, BY ORDER OF BIRTH TO MOTHER

		%*
TOTAL	70,226	100.0
1ST CHILD	28,316	40.3
2ND CHILD	22,969	32.7
3RD CHILD	10,728	15.3
4TH CHILD	3,799	5.4
5TH CHILD	1,261	1.8
6TH CHILD	575	.8
7TH CHILD	267	.4
8TH CHILD	118	.2
9TH CHILD	53	.1
10TH OR MORE	58	.1
UNKNOWN	2,082	3.0

D. RESIDENCE, BY ATTENDANT

		%*
TOTAL	70,226	100.0
M.D.	65,344	93.0
MIDWIFE	2,728	3.9
OSTEOPATH	1,314	1.9
NURSE	262	.4
FATHER	92	.1
MOTHER	8	
OTHER	184	.3
UNKNOWN	294	.4

TABLE 1 (CONT'D)

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1985

E. RESIDENCE AND OCCURRENCE, BY SEX BY BIRTH WEIGHT IN GRAMS

	RESIDENCE				OCCURRENCE			
	TOTAL	MALE	FEMALE	UNK	TOTAL	MALE	FEMALE	UNK
TOTAL	70,226	35,852	34,372	2	69,297	35,351	33,944	2
1,000 GRAMS & UNDER	336	175	161		336	173	163	
1,001 - 1,500	333	186	147		324	185	139	
1,501 - 2,000	724	372	352		730	376	354	
2,001 - 2,500	2,301	991	1,310		2,278	979	1,299	
2,501 - 3,000	8,866	3,852	5,013	1	8,756	3,796	4,959	1
3,001 - 3,500	23,724	11,084	12,640		23,419	10,927	12,492	
3,501 - 4,000	23,323	12,532	10,791		22,995	12,371	10,624	
4,001 - 4,500	8,466	5,191	3,274	1	8,336	5,095	3,240	1
4,501 AND OVER	2,010	1,393	617		1,976	1,370	606	
UNKNOWN	143	76	67		147	79	68	

F. RESIDENCE AND OCCURRENCE, LIVE BIRTHS AND FETAL DEATHS BY MONTH

	LIVE BIRTHS		FETAL DEATHS	
	RESIDENCE	OCCURRENCE	RESIDENCE	OCCURRENCE
TOTAL	70,226	69,297	403	412
JANUARY	5,610	5,558	39	40
FEBRUARY	5,210	5,145	30	30
MARCH	6,002	5,903	26	27
APRIL	5,896	5,817	26	28
MAY	6,253	6,150	30	32
JUNE	5,982	5,910	47	47
JULY	6,295	6,229	37	37
AUGUST	6,098	6,008	36	37
SEPTEMBER	5,986	5,908	32	32
OCTOBER	5,903	5,822	27	28
NOVEMBER	5,337	5,290	31	33
DECEMBER	5,654	5,557	42	41

TABLE 1 (CONT'D)

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1985

G. OCCURRENCE, METHOD OF DELIVERY

TOTAL	69,297
INDUCED LABOR	
C-SECTION	
PRIMARY	195
REPEAT	12
VAGINAL DELIVERY	
VACUUM EXTRACTION	56
OUTLET FORCEPS	207
AFTER PREVIOUS C-SECTION	13
WITHOUT OTHER OB PROC.	1,192
OTHER	18
LABOR, NOT INDUCED	
C-SECTION	
PRIMARY	7,453
REPEAT	4,432
VAGINAL DELIVERY	
SPONTANEOUS	42,288
VACUUM EXTRACTION	1,875
OUTLET FORCEPS	5,095
AFTER PREVIOUS C-SECTION	374
OTHER	549
METHOD OF DELIVERY UNKNOWN	5,538

H. TYPE OF PLACE BY OCCURRENCE

		%*
TOTAL	69,297	100.0
GENERAL HOSPITAL	62,760	90.6
FEDERAL FACILITY	4,499	6.5
HOME	1,058	1.5
BIRTH CENTER	636	.9
BORN ON ARRIVAL	82	.1
OTHER AND UNKNOWN	262	.4

I. RESIDENCE, MULTIPLE LIVE BIRTHS

SETS OF TWINS	756
SETS OF TRIPLETS	14

J. RESIDENCE, MATERNAL SMOKING

YES	16,625
NO	48,867
UNKNOWN	4,534

*DETAIL MAY NOT ADD TO 100% DUE TO ROUNDING

TABLE 2

LIVE BIRTHS BY RACE BY BIRTH WEIGHT, WASHINGTON STATE RESIDENTS 1985

BIRTH WEIGHT IN GRAMS	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTAL	70,226	59,046	3,251	2,181	1,793	360	249	672	2,333	15	326
1,000 AND UNDER	336	259	39	7	12		3	1	11	1	3
1,001 - 1,500	333	260	35	12	12	1	1	1	7	1	3
1,501 - 2,000	724	580	74	20	16	1		6	25		2
2,001 - 2,500	2,301	1,819	195	70	64	17	1	35	87		13
2,501 - 3,000	8,866	6,990	652	285	225	52	52	133	425		52
3,001 - 3,500	23,724	19,472	1,206	805	614	148	100	266	990	5	118
3,501 - 4,000	23,323	20,198	775	714	575	109	72	190	601	5	84
4,001 - 4,500	8,466	7,551	220	219	217	31	19	30	147	2	30
4,501 AND OVER	2,010	1,808	46	43	55	1	1	9	31	1	15
NOT STATED	143	109	9	6	3			1	9		6

TABLE 3

LIVE BIRTHS BY MOTHER'S AGE BY BIRTH WEIGHT, WASHINGTON STATE 1985

BIRTH WEIGHT IN GRAMS	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTAL	70,226	109	2,391	4,720	20,918	22,878	14,314	4,344	496	17	39
1,000 AND UNDER	336	3	16	27	92	120	60	15	1	1	1
1,001 - 1,500	333	2	29	29	97	88	66	18	2		2
1,501 - 2,000	724	4	32	58	211	219	147	43	9	1	
2,001 - 2,500	2,301	10	102	185	714	697	442	130	19	2	
2,501 - 3,000	8,866	17	396	732	2,796	2,754	1,618	479	65	4	5
3,001 - 3,500	23,724	37	907	1,741	7,436	7,649	4,456	1,336	142	3	17
3,501 - 4,000	23,323	26	689	1,443	6,762	7,853	4,931	1,445	158	5	11
4,001 - 4,500	8,466	10	178	408	2,257	2,786	2,060	688	77	1	1
4,501 AND OVER	2,010		34	82	509	674	510	179	22		
NOT STATED	143		8	15	44	38	24	11	1		2

TABLE 4

LIVE BIRTHS BY MOTHER'S AGE BY MONTH PRENATAL CARE BEGAN, WASHINGTON STATE RESIDENTS 1985

MONTH PRENATAL CARE BEGAN	ALL AGES	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
STATE TOTAL	70,226	109	2,391	4,720	20,918	22,878	14,314	4,344	496	17	39
FIRST	10,151	3	127	333	2,597	3,776	2,524	726	60	2	3
SECOND	26,599	19	495	1,158	7,250	9,634	6,072	1,769	183	4	15
THIRD	16,423	14	522	1,138	5,082	5,294	3,259	1,012	94	4	4
FOURTH	6,375	16	345	692	2,250	1,656	1,019	330	61	3	3
FIFTH	3,515	12	283	466	1,248	864	437	160	37	2	6
SIXTH	2,079	16	190	310	769	457	245	76	16		
SEVENTH	1,377	6	141	233	496	287	149	50	12	1	2
EIGHTH	835	5	71	127	324	176	95	32	5		
NINTH	357	3	33	47	133	71	40	24	6		
NO CARE	542	7	77	66	176	108	73	26	6	1	2
UNKNOWN	1,973	8	107	150	593	555	401	139	16		4

TABLE 5

LIVE BIRTHS BY NUMBER OF PRENATAL VISITS BY MONTH CARE BEGAN, WASHINGTON STATE RESIDENTS 1985

NUMBER OF PRENATAL VISITS	MONTH CARE BEGAN				NO CARE	UNKNOWN
	TOTAL	1-3	4-6	7-9		
TOTAL	70,226	53,173	11,969	2,569	542	1,973
9 OR MORE	54,420	47,141	6,554	275		450
5 - 8	10,165	4,576	4,416	1,064		109
1 - 4	2,547	512	796	1,187		52
NO VISITS	542				542	
UNKNOWN	2,552	944	203	43		1,362

TABLE 6

LIVE BIRTHS WITH RATES BY PLACE OF RESIDENCE AND OCCURRENCE, BY SEX, WASHINGTON STATE 1985

	RESIDENCE				OCCURRENCE	
COUNTY AND CITY	NUMBER	RATE	MALE	FEMALE	NUMBER	RATE
STATE TOTALS	70,226	16.0	35,852	34,372	69,297	15.8
ADAMS	289	20.9	159	130	265	19.2
ASOTIN	276	16.2	137	139	2	.1
BENTON	1,881	17.9	956	925	2,248	21.4
KENNEWICK	812	22.0	412	400	798	21.6
RICHLAND	459	15.0	245	214	1,159	38.0
CHELAN	860	17.7	454	406	1,270	26.2
WENATCHEE	365	21.0	204	161	1,152	66.4
CLALLAM	749	14.2	383	366	753	14.3
PORT ANGELES	255	14.8	134	121	669	38.9
CLARK	3,316	16.3	1,676	1,640	2,251	11.1
VANCOUVER	1,312	30.7	640	672	2,219	51.9
COLUMBIA	51	12.4	27	24	25	6.1
COWLITZ	1,114	14.0	570	543	1,206	15.2
KELSO	198	18.1	97	101	1	.1
LONGVIEW	492	16.2	249	243	1,202	39.7
DOUGLAS	371	16.2	191	180	9	.4
FERRY	94	15.4	43	51	43	7.0
FRANKLIN	743	20.8	403	340	474	13.3
PASCO	478	25.6	258	220	473	25.3
GARFIELD	28	11.2	15	13	6	2.4
GRANT	1,043	20.9	555	488	862	17.3
MOSES LAKE	222	21.4	116	106	646	62.3
GRAYS HARBOR	1,040	16.3	544	496	789	12.3
ABERDEEN	288	16.7	157	131	778	45.1
ISLAND	912	18.5	467	445	767	15.6
OAK HARBOR	359	28.5	178	181	7	.6
JEFFERSON	223	12.7	120	103	168	9.6
KING	19,790	14.7	9,995	9,795	21,381	15.9
AUBURN	546	18.3	278	268	589	19.7
BELLEVUE	889	11.1	461	428	2,321	28.9
DES MOINES	50	3.7	24	26	1	.1
KENT	471	17.5	239	232	13	.5
KIRKLAND	336	17.5	181	155	1,180	61.4
MERCER ISLAND	131	6.4	72	59	3	.1
REDMOND	446	15.9	216	230	1,660	59.0
RENTON	662	19.5	338	324	2,104	61.8
SEATTLE	6,855	13.9	3,468	3,387	13,083	26.6
KITSAP	2,804	16.7	1,442	1,362	2,505	14.9
BREMERTON	834	22.1	411	423	1,492	39.5
KITTITAS	316	12.6	155	161	276	11.0
ELLENSBURG	145	12.4	77	68	262	22.5
KLICKITAT	252	15.1	123	129	203	12.2
LEWIS	833	14.7	426	407	853	15.1
CENTRALIA	220	18.6	116	104	379	32.1
LINCOLN	131	13.5	64	67	56	5.8
MASON	516	14.8	275	241	196	5.6
OKANOGAN	506	16.0	244	262	479	15.1
PACIFIC	241	13.8	139	102	119	6.8
PEND OREILLE	132	14.5	65	67	81	8.9
PIERCE	9,535	18.2	4,864	4,671	10,778	[illegible]
PUYALLUP	371	19.3	184	187	1,268	[illegible]
TACOMA	3,189	19.8	1,612	1,577	6,721	[illegible]
SAN JUAN	115	12.9	61	54	21	2.4
SKAGIT	1,098	16.1	554	544	1,388	20.4
MOUNT VERNON	294	20.7	157	137	896	63.1
SKAMANIA	101	12.8	45	56	2	.3
SNOHOMISH	6,519	17.5	3,328	3,191	4,744	12.7
EDMONDS	397	14.2	195	202	1,589	57.0
EVERETT	1,419	24.9	757	662	2,629	46.1
LYNNWOOD	474	20.3	223	251	12	.5
MOUNTLAKE TERRACE	282	17.7	147	135	7	.4
SPOKANE	5,582	15.8	2,875	2,707	6,373	18.0
SPOKANE (CITY)	3,028	17.6	1,576	1,452	5,935	34.5
STEVENS	494	16.4	260	234	328	10.9
THURSTON	2,203	15.8	1,149	1,054	2,130	15.3
LACEY	258	17.0	148	110	5	.3
OLYMPIA	866	30.3	461	405	2,120	74.2
WAHKIAKUM	30	8.1	13	17	1	.3
WALLA WALLA	660	13.6	348	312	929	19.2
WALLA WALLA (CITY)	395	15.4	211	184	926	36.1
WHATCOM	1,619	14.0	808	810	1,563	13.5
BELLINGHAM	615	13.3	295	320	1,536	33.1
WHITMAN	448	11.3	231	217	468	11.8
PULLMAN	226	10.0	115	111	407	18.0
YAKIMA	3,311	18.1	1,688	1,623	3,285	18.0
YAKIMA (CITY)	913	18.4	464	449	2,456	49.6

OCCURRENCE ➡

TABLE 7 — LIVE BIRTH INTER-COUNTY TRAVEL PATTERNS

RESIDENCE ⬇	ADAMS	ASOTIN	BENTON	CHELAN	CLALLAM	CLARK	COLUMBIA	COWLITZ	DOUGLAS	FERRY	FRANKLIN	GARFIELD	GRANT	GRAYS HARBOR	ISLAND	JEFFERSON	KING
ADAMS	188		11	1							1		38				
ASOTIN		1										1					
BENTON	1		1661								132		2				3
CHELAN	1			820					1				1				16
CLALLAM					722									4			15
CLARK						2153		9						1			5
COLUMBIA							23	3									
COWLITZ						37		1015									4
DOUGLAS			1	320					8				3				6
FERRY										42			1				
FRANKLIN	20		357				1				327		8				1
GARFIELD												5					
GRANT	51		6	108									777				6
GRAYS HARBOR						1								722		1	23
ISLAND															744		41
JEFFERSON					25									8		167	8
KING			1	1	2	1		3		1				1	1		18420
KITSAP			1		1										1		216
KITTITAS	1			6													7
KLICKITAT																	
LEWIS								22									8
LINCOLN	1												7				
MASON														4			13
OKANOGAN				10									20				11
PACIFIC								3						45			
PEND OREILLE																	
PIERCE			1		1			1					2				468
SAN JUAN																	11
SKAGIT															15		33
SKAMANIA						24											
SNOHOMISH				1											1		1950
SPOKANE													2				6
STEVENS																	
THURSTON						1		2						2			17
WAHKIAKUM						1		22									
WALLA WALLA			27				1				7						2
WHATCOM			1												4		14
WHITMAN																	3
YAKIMA			137	1							1						7
OUT-OF-STATE	2	1	44	2	2	33		126			6		1	2	1		67

WASHINGTON STATE RESIDENTS AND OCCURRENCES, 1985

KITSAP	KITTITAS	KLICKITAT	LEWIS	LINCOLN	MASON	OKANOGAN	PACIFIC	PEND OREILLE	PIERCE	SAN JUAN	SKAGIT	SKAMANIA	SNOHOMISH	SPOKANE	STEVENS	THURSTON	WAHKIAKUM	WALLA WALLA	WHATCOM	WHITMAN	YAKIMA	OUT-OF-STATE
				3										42						1	1	3
														4						4		266
				1		1			1		1			7				1	1		59	10
						15							1	2								3
3			1						1												1	2
									2				1			3						1142
																		25				
			2						4							1						51
						28							1	3								1
						3			1					21	26							
									1					12				9		1	4	2
																		1		1		21
	13			3		4								57					1		13	4
			29		2		36		14							210					1	1
									5		84		29						2			7
8									4				1								1	1
25					1				1013		6		262	3		11		1	3		2	32
2255	1				3				305		1		11									9
	261					1			3												35	2
		137																			7	108
			711		1		1		20							63			1			6
				43		1			1					77								1
109					183				31				3	1		170						2
						424					1			36							2	2
			1				79		1							6						106
								57						65	5			1				4
94			6				1	1	8887				4	2		39			1		3	24
										21	76		1						5	1		
1		1							1		1017		14						14			2
		28										2			1							46
			1			1	1		10		135		4404	2					4		2	7
			2	1				1					1	5534	2	1						32
				5										194	293			1				1
4			95		6				445		1		1			1620						9
1																	1					5
														1				617				5
1											60		6	4		1			1525			3
											1		52							355		37
	1	2	1						1		2		1								3148	9
4		35	4			1	1	22	27		3		3	254	1	5		273	6	105	6	

-1337-DSVITALS-

TABLE 8

LIVE BIRTHS BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTALS	70,226	59,046	3,251	2,181	1,793	360	249	672	2,333	15	326
ADAMS	289	267		16	3		1		2		
ASOTIN	276	259	3	1	8	2			3		
BENTON	1,881	1,634	19	157	20	7	2	2	38		2
KENNEWICK	812	722	9	49	8	1	2	2	18		1
RICHLAND	459	421	6	8	6	3			15		
CHELAN	860	713	1	116	11		1	3	12	2	1
WENATCHEE	365	300	1	45	5		1	3	9	1	
CLALLAM	749	649	2	11	68	2	3	2	8	1	3
PORT ANGELES	255	238		1	9	1		1	3	1	1
CLARK	3,316	2,960	84	45	51	12	6	14	88	1	55
VANCOUVER	1,312	1,097	56	24	36	2	3	11	59		24
COLUMBIA	51	50		1							
COWLITZ	1,114	1,069	1	5	20	1	2	3	13		
KELSO	198	193		2	1			1	1		
LONGVIEW	492	467	1	1	8		2	1	12		
DOUGLAS	371	312	1	57					1		
FERRY	94	60			34						
FRANKLIN	743	503	23	181	9	1	2	1	23		
PASCO	478	279	22	149	7		1	1	19		
GARFIELD	28	27			1						
GRANT	1,043	953	11	42	15	11	2	3	6		
MOSES LAKE	222	202	8	3	4	4			1		
GRAYS HARBOR	1,040	919	3	9	88	1	1	5	12		2
ABERDEEN	288	250		7	19			2	9		1
ISLAND	912	802	39	7	5	5	2	26	23		3
OAK HARBOR	359	292	28	4			1	16	18		
JEFFERSON	223	210			11		1	1			
KING	19,790	15,930	1,491	113	318	183	173	338	1,135	6	103
AUBURN	546	489	11	2	18	2		4	18	1	1
BELLEVUE	889	749	32	4	2	22	8	4	66		2
DES MOINES	50	43	2	2	1				2		
KENT	471	416	14	4	3	4	2	4	21		3
KIRKLAND	336	316	2	1	1	1	3	1	9	1	1
MERCER ISLAND	131	114	1		1	3	2	2	8		
REDMOND	446	404	9	3	2	7	7	2	10		2
RENTON	662	535	44	7	8	6	8	12	35	1	6
SEATTLE	6,855	4,535	1,110	42	150	70	102	203	593	2	48
KITSAP	2,804	2,449	117	22	55	13	5	80	60	1	2
BREMERTON	834	678	70	11	12	5	4	32	22		
KITTITAS	316	293	2	5	6			5	5		
ELLENSBURG	145	129	2	4	2			3	5		
KLICKITAT	252	219	2	10	14	2		1	3		1
LEWIS	833	798	4	13	9	1			7		1
CENTRALIA	220	208	1	4	6				1		
LINCOLN	131	128			3						
MASON	516	462	3	2	31	2	1	2	4		9
OKANOGAN	506	381	2	42	73			1	3	1	3
PACIFIC	241	223		3	5	1	2	1	6		
PEND OREILLE	132	124	1	1	6						
PIERCE	9,535	7,476	1,133	98	182	51	13	87	489	1	5
PUYALLUP	371	345	3	5	8		1	2	7		
TACOMA	3,189	2,290	532	34	96	19	2	26	189		1
SAN JUAN	115	112	1	1					1		
SKAGIT	1,098	994	3	43	40	5		2	10		1
MOUNT VERNON	294	259	2	24	2	4			3		
SKAMANIA	101	97			3						1
SNOHOMISH	6,519	5,994	71	17	128	19	11	43	162	1	73
EDMONDS	397	368	3	2	7	1		2	13		1
EVERETT	1,419	1,256	27	4	40	1	3	13	46		29
LYNNWOOD	474	429	6	1	7	2	2	3	24		
MOUNTLAKE TERRACE	282	245	10	1	7	2	1	5	11		
SPOKANE	5,582	5,167	114	26	124	23	12	20	94		2
SPOKANE (CITY)	3,028	2,762	78	16	82	15	7	8	60		
STEVENS	494	436	3	1	48	1			3		2
THURSTON	2,203	1,989	51	11	36	8		15	70	1	22
LACEY	258	213	13	2	3			1	25	1	
OLYMPIA	866	778	16	3	15	7		7	30		10
WAHKIAKUM	30	28		2							
WALLA WALLA	660	614	4	33	2	1	1	1	3		1
WALLA WALLA (CITY)	395	368	2	17	2	1	1	1	3		
WHATCOM	1,619	1,412	7	35	106	2	2	5	23		27
BELLINGHAM	615	536	5	6	44	2	1	2	11		8
WHITMAN	448	421	7		4	3	5		8		
PULLMAN	226	202	7		3	2	4		8		
YAKIMA	3,311	1,912	48	1,055	256	3	1	11	18		7
YAKIMA (CITY)	913	620	39	205	32			4	9		4

TABLE 9

LIVE BIRTHS BY MOTHER'S AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	ALL AGES	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTALS	70,226	109	2,391	4,720	20,918	22,878	14,314	4,344	496	17	39
ADAMS	289	1	10	23	108	81	53	12	1		
ASOTIN	276		16	22	97	89	42	7	3		
BENTON	1,881	2	68	121	593	637	353	97	10		
KENNEWICK	812	1	24	62	281	278	134	30	2		
RICHLAND	459		17	25	124	155	102	30	6		
CHELAN	860		37	76	258	282	152	46	8		1
WENATCHEE	365		17	33	112	117	66	17	3		
CLALLAM	749	1	28	61	255	228	124	47	5		
PORT ANGELES	255		6	18	93	87	40	10	1		
CLARK	3,316	5	118	271	1,035	1,032	651	174	24	2	4
VANCOUVER	1,312	2	65	155	476	360	192	50	9		3
COLUMBIA	51		1	3	17	16	13	1			
COWLITZ	1,114	2	49	106	421	319	166	48	3		
KELSO	198		8	23	86	53	21	6	1		
LONGVIEW	492		22	46	187	138	74	24	1		
DOUGLAS	371		16	39	115	126	57	14	2		2
FERRY	94		8	9	43	22	9	2	1		
FRANKLIN	743		38	72	262	212	115	38	6		
PASCO	478		31	50	188	115	67	23	4		
GARFIELD	28		3	1	11	6	6	1			
GRANT	1,043	1	34	80	357	343	163	54	11		
MOSES LAKE	222		10	15	80	72	30	12	3		
GRAYS HARBOR	1,040	2	61	97	373	285	171	44	7		
ABERDEEN	288	1	22	22	116	70	44	10	3		
ISLAND	912	2	16	72	325	290	149	49	9		
OAK HARBOR	359		10	35	145	117	43	7	2		
JEFFERSON	223		8	11	53	75	53	20	3		
KING	19,790	22	517	882	4,519	6,723	5,211	1,710	182	8	16
AUBURN	546	2	22	30	210	191	70	18	2		1
BELLEVUE	889		7	26	177	329	261	80	8		1
DES MOINES	50		2		14	19	14	1			
KENT	471		15	35	146	169	78	23	4		1
KIRKLAND	336		5	4	75	114	105	26	5		2
MERCER ISLAND	131			1	9	41	57	19	3	1	
REDMOND	446		3	11	65	176	131	55	5		
RENTON	662		18	33	221	230	126	33	1		
SEATTLE	6,855	9	213	328	1,385	2,056	2,035	717	76	3	3
KITSAP	2,804	4	80	202	914	892	521	168	20	1	2
BREMERTON	834	1	31	88	326	251	105	27	4		1
KITTITAS	316		7	17	120	87	60	21	4		
ELLENSBURG	145		1	9	63	43	21	8			
KLICKITAT	252		8	20	78	75	54	14	3		
LEWIS	833	1	41	76	320	238	124	28	5		
CENTRALIA	220	1	10	27	82	60	30	8	2		
LINCOLN	131	1	3	9	39	50	24	4	1		
MASON	516	2	23	42	166	162	88	33			
OKANOGAN	506	1	21	38	153	162	94	34	3		
PACIFIC	241		9	19	93	69	39	11	1		
PEND OREILLE	132		9	8	44	35	24	7	2		
PIERCE	9,535	24	382	797	3,304	3,034	1,529	419	40	1	5
PUYALLUP	371	2	20	23	122	128	57	16	2		1
TACOMA	3,189	12	157	275	1,124	982	485	134	16	1	3
SAN JUAN	115		2	2	14	36	40	19	2		
SKAGIT	1,098	2	39	90	323	377	209	56	1	1	
MOUNT VERNON	294	1	15	30	94	102	42	9	1		
SKAMANIA	101	1	6	9	40	28	11	5	1		
SNOHOMISH	6,519	5	191	363	1,813	2,353	1,367	388	35	3	1
EDMONDS	397		8	17	96	155	95	23	2	1	
EVERETT	1,419	4	75	125	498	438	215	58	6		
LYNNWOOD	474		14	24	152	167	89	27	1		
MOUNTLAKE TERRACE	282		7	10	70	128	54	13			
SPOKANE	5,582	6	163	403	1,831	1,862	1,017	261	36	1	2
SPOKANE (CITY)	3,028	5	100	255	960	1,013	545	127	20	1	2
STEVENS	494	1	23	45	157	151	90	25	2		
THURSTON	2,203	4	66	150	723	678	420	145	17		
LACEY	258		6	17	88	81	45	17	4		
OLYMPIA	866	1	23	50	289	261	174	63	5		
WAHKIAKUM	30		1		13	8	5	2	1		
WALLA WALLA	660		32	49	195	211	138	33	1		1
WALLA WALLA (CITY)	395		21	32	117	114	90	21			
WHATCOM	1,619	3	44	75	503	508	358	113	13		2
BELLINGHAM	615	2	21	34	177	178	140	55	6		2
WHITMAN	448		3	12	123	173	99	30	7		1
PULLMAN	226			5	60	78	55	22	5		1
YAKIMA	3,311	16	210	348	1,110	920	515	164	26		2
YAKIMA (CITY)	913	6	66	93	318	245	144	37	4		

TABLE 10

LIVE BIRTHS BY MONTH BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
STATE TOTALS	70,226	5,610	5,210	6,002	5,896	6,253	5,982	6,295	6,098	5,986	5,903	5,337	5,654
ADAMS	289	23	23	27	22	40	25	24	23	22	21	17	22
ASOTIN	276	26	16	25	22	22	27	23	30	26	20	17	22
BENTON	1,881	152	163	155	160	175	145	167	175	173	148	143	125
KENNEWICK	812	71	64	62	70	77	70	68	86	67	59	55	63
RICHLAND	459	44	38	39	37	45	30	47	33	45	36	34	31
CHELAN	860	76	55	71	80	68	77	83	78	67	61	63	81
WENATCHEE	365	35	24	31	35	29	31	28	31	30	30	28	33
CLALLAM	749	52	55	67	60	60	79	68	61	64	62	53	68
PORT ANGELES	255	21	21	19	20	19	25	29	21	19	18	11	32
CLARK	3,316	267	242	273	297	294	276	283	302	258	297	248	279
VANCOUVER	1,312	85	104	100	116	121	116	115	108	103	124	108	112
COLUMBIA	51	5	1	5	4	4	3	9	8	4	2	3	3
COWLITZ	1,114	90	88	121	89	94	104	88	98	81	100	68	93
KELSO	198	21	11	19	14	19	22	13	17	12	27	5	18
LONGVIEW	492	39	43	54	29	40	36	41	50	42	41	40	37
DOUGLAS	371	34	24	32	30	28	38	33	34	32	30	30	26
FERRY	94	8	11	14	6	10	6	11	10	5	4	5	4
FRANKLIN	743	60	44	72	58	70	54	79	68	63	54	47	74
PASCO	478	42	26	48	43	48	41	45	43	42	27	26	47
GARFIELD	28	1	3	3	1	1	3	2	3	1	2	6	2
GRANT	1,043	72	77	80	86	95	85	119	97	87	77	77	91
MOSES LAKE	222	18	16	16	19	19	16	31	18	20	17	14	18
GRAYS HARBOR	1,040	91	62	89	82	94	107	92	95	75	102	80	71
ABERDEEN	288	19	15	23	23	24	27	32	36	17	29	16	27
ISLAND	912	79	61	76	72	88	78	81	85	82	71	72	67
OAK HARBOR	359	27	32	30	25	29	25	27	33	35	32	30	34
JEFFERSON	223	23	27	19	15	18	21	21	16	13	11	17	22
KING	19,790	1,528	1,436	1,655	1,634	1,709	1,707	1,807	1,690	1,773	1,700	1,499	1,652
AUBURN	546	34	39	55	39	50	45	41	35	62	50	35	61
BELLEVUE	889	58	61	68	76	86	76	98	71	78	78	66	73
DES MOINES	50	7	1	7	4	4	5	3	5	4	7	2	1
KENT	471	32	35	39	48	39	44	45	41	39	44	29	36
KIRKLAND	336	36	27	23	18	35	28	28	40	27	19	30	25
MERCER ISLAND	131	11	5	11	5	19	9	22	9	14	10	5	11
REDMOND	446	22	32	40	44	46	42	34	41	31	29	42	43
RENTON	662	54	60	55	56	66	51	51	48	50	66	54	51
SEATTLE	6,855	534	503	588	589	552	572	635	576	622	585	524	575
KITSAP	2,804	253	214	239	228	281	240	249	248	220	203	219	210
BREMERTON	834	94	62	66	63	65	62	49	77	60	76	83	77
KITTITAS	316	28	33	26	31	27	32	24	17	17	29	21	31
ELLENSBURG	145	13	13	7	17	11	19	10	9	6	15	10	15
KLICKITAT	252	18	13	23	18	28	24	17	28	22	26	19	16
LEWIS	833	68	57	83	63	70	61	67	77	65	68	79	75
CENTRALIA	220	12	19	21	15	21	12	19	20	15	14	24	28
LINCOLN	131	9	10	15	6	10	10	10	14	10	10	10	17
MASON	516	45	38	54	47	54	38	42	42	48	41	36	31
OKANOGAN	506	61	42	36	57	44	41	58	35	37	31	39	25
PACIFIC	241	14	14	35	15	17	20	18	30	21	17	18	22
PEND OREILLE	132	6	10	6	17	8	12	9	16	10	20	12	6
PIERCE	9,535	746	729	791	779	860	761	865	851	851	804	727	771
PUYALLUP	371	36	29	29	25	39	26	35	32	36	20	24	40
TACOMA	3,189	254	245	231	272	290	241	287	288	272	264	266	279
SAN JUAN	115	5	10	8	9	7	14	12	8	10	14	7	11
SKAGIT	1,098	83	92	98	87	86	101	90	98	94	104	77	88
MOUNT VERNON	294	15	28	29	22	21	28	26	26	20	33	24	22
SKAMANIA	101	4	10	12	7	11	10	6	7	9	8	9	8
SNOHOMISH	6,519	539	471	550	583	579	522	561	561	571	553	530	499
EDMONDS	397	31	24	28	37	30	35	40	43	32	35	37	25
EVERETT	1,419	122	99	124	126	126	103	108	126	134	124	124	103
LYNNWOOD	474	39	37	38	44	35	41	50	35	36	41	29	49
MOUNTLAKE TERRACE	282	18	21	25	31	22	22	26	23	20	33	23	18
SPOKANE	5,582	433	423	494	482	502	468	554	466	459	439	419	443
SPOKANE (CITY)	3,028	224	214	252	271	251	259	285	254	253	255	245	265
STEVENS	494	43	31	40	42	49	56	42	32	43	44	40	32
THURSTON	2,203	174	186	183	181	204	183	168	182	181	203	183	175
LACEY	258	23	12	13	20	23	20	30	28	25	27	16	21
OLYMPIA	866	79	104	81	68	85	72	49	74	58	73	64	59
WAHKIAKUM	30	4	2	1	4	3	1	1	2	3	2	2	5
WALLA WALLA	660	56	50	56	63	61	57	54	51	56	59	52	45
WALLA WALLA (CITY)	395	36	34	27	39	38	37	36	32	34	30	28	24
WHATCOM	1,619	127	120	142	134	143	152	141	152	127	133	122	126
BELLINGHAM	615	35	48	47	56	62	60	63	55	46	48	44	51
WHITMAN	448	32	39	50	31	40	33	45	32	40	34	29	43
PULLMAN	226	14	20	23	13	20	15	27	14	20	17	16	27
YAKIMA	3,311	275	228	276	294	299	311	272	276	266	299	242	273
YAKIMA (CITY)	913	77	63	81	73	76	82	79	82	76	77	71	76

TABLE 11

LIVE BIRTHS BY BIRTH WEIGHT IN GRAMS BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	1000 OR LESS	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501 AND OVER	NOT STATED
STATE TOTALS	70,226	336	333	724	2,301	8,866	23,724	23,323	8,466	2,010	143
ADAMS	289	2	2	3	11	35	95	105	29	7	
ASOTIN	276	1	3	3	7	34	86	93	36	13	
BENTON	1,881	8	5	16	61	206	643	636	242	63	1
KENNEWICK	812	2	2	5	34	97	308	242	94	28	
RICHLAND	459	2	2	4	12	48	144	171	59	17	
CHELAN	860	4	3	5	22	98	282	296	122	21	7
WENATCHEE	365			2	10	41	123	129	48	10	2
CLALLAM	749	3	2	7	23	95	251	252	90	25	1
PORT ANGELES	255	1	1	1	9	36	78	87	35	6	1
CLARK	3,316	13	18	32	105	397	1,129	1,127	391	97	7
VANCOUVER	1,312	7	7	13	47	176	487	412	130	30	3
COLUMBIA	51			1	2	7	20	14	5	2	
COWLITZ	1,114	5	2	7	36	149	383	345	144	41	2
KELSO	198	2	1		9	26	56	64	33	6	1
LONGVIEW	492			4	22	81	175	136	56	18	
DOUGLAS	371	1	1	2	14	45	124	132	40	11	1
FERRY	94	1	2		4	9	32	35	9	2	
FRANKLIN	743	5	5	3	20	93	250	255	101	11	
PASCO	478	4	2	3	14	62	164	161	60	8	
GARFIELD	28			1	1	5	5	11	4	1	
GRANT	1,043	10	5	10	29	123	348	365	123	29	1
MOSES LAKE	222	5	1		7	23	76	74	28	8	
GRAYS HARBOR	1,040	3	7	8	38	136	333	343	129	37	6
ABERDEEN	288	2	3	6	17	39	98	86	28	7	2
ISLAND	912	3	4	5	23	96	297	324	121	38	1
OAK HARBOR	359	2		2	10	38	116	124	50	17	
JEFFERSON	223		1		6	25	60	87	33	11	
KING	19,790	98	92	223	725	2,602	6,725	6,482	2,289	503	51
AUBURN	546	7	4	8	21	54	208	167	66	10	1
BELLEVUE	889	2	2	6	31	105	294	336	86	27	
DES MOINES	50	1	1		2	12	13	15	6		
KENT	471	3		5	24	62	166	142	57	11	1
KIRKLAND	336	1	2	6	14	37	100	116	46	13	1
MERCER ISLAND	131			1	4	14	45	44	17	6	
REDMOND	446	1	3	5	10	57	158	143	57	8	4
RENTON	662	5	2	5	30	80	260	197	71	11	1
SEATTLE	6,855	43	38	96	279	1,031	2,388	2,117	687	155	21
KITSAP	2,804	14	10	28	79	293	953	921	400	101	5
BREMERTON	834	5	4	11	28	100	287	257	107	32	3
KITTITAS	316		2	2	15	35	102	122	28	8	2
ELLENSBURG	145		1	2	9	18	42	58	10	4	1
KLICKITAT	252	2	3		12	31	90	83	29	2	
LEWIS	833		7	6	21	113	283	267	108	27	1
CENTRALIA	220		2		5	28	85	65	26	9	
LINCOLN	131		1	1	3	16	44	41	24	1	
MASON	516	1	2	5	18	63	155	174	73	22	3
OKANOGAN	506	2	4	7	19	70	155	167	60	20	2
PACIFIC	241		2	1	4	42	72	84	30	6	
PEND OREILLE	132				2	19	50	50	8	3	
PIERCE	9,535	69	42	122	318	1,343	3,374	2,983	1,055	220	9
PUYALLUP	371		1	3	13	50	132	115	42	12	3
TACOMA	3,189	22	15	59	121	492	1,114	951	329	82	4
SAN JUAN	115		1	2	3	8	31	45	18	7	
SKAGIT	1,098	4	6	17	27	111	354	387	152	39	1
MOUNT VERNON	294	2	3	3	7	28	93	111	37	9	1
SKAMANIA	101			1	2	13	39	29	15	2	
SNOHOMISH	6,519	27	32	67	206	745	2,089	2,240	859	246	8
EDMONDS	397	1	3	1	12	49	122	144	50	15	
EVERETT	1,419	5	11	16	55	194	461	453	166	56	2
LYNNWOOD	474	4		8	16	47	147	177	60	13	2
MOUNTLAKE TERRACE	282	2	1	4	7	34	93	105	26	10	
SPOKANE	5,582	26	28	56	175	711	1,938	1,867	630	149	2
SPOKANE (CITY)	3,028	15	22	31	93	423	1,023	998	338	84	1
STEVENS	494	2	1	6	9	52	163	184	62	15	
THURSTON	2,203	12	13	24	60	288	707	724	288	67	20
LACEY	258	2	1	2	6	36	73	90	37	10	1
OLYMPIA	866	5	6	10	23	130	292	245	123	23	9
WAHKIAKUM	30			2		7	11	9	1		
WALLA WALLA	660	2		2	23	75	226	238	73	17	4
WALLA WALLA (CITY)	395	1		2	16	50	130	140	42	12	2
WHATCOM	1,619	6	3	9	46	204	504	566	230	47	4
BELLINGHAM	615	1		2	17	74	202	214	85	18	2
WHITMAN	448	2		2	16	52	154	156	54	12	
PULLMAN	226			1	7	20	81	80	32	5	
YAKIMA	3,311	10	24	38	116	420	1,167	1,084	361	87	4
YAKIMA (CITY)	913	5	8	9	34	125	322	285	92	31	2

TABLE 12

RESIDENCE, MULTIPLE BIRTHS BY NUMBER BORN ALIVE EACH SET, WASHINGTON STATE 1985

COUNTY AND CITY	SETS OF TWINS			SETS OF TRIPLETS				SETS OF FOUR OR MORE
	2 BORN ALIVE	1 BORN ALIVE	NONE ALIVE	3 BORN ALIVE	2 BORN ALIVE	1 BORN ALIVE	NONE ALIVE	TOTAL
STATE TOTAL	741	15		12	2			
ADAMS	3							
ASOTIN	6							
BENTON	22							
KENNEWICK	8							
RICHLAND	6							
CHELAN	6							
WENATCHEE	1							
CLALLAM	9							
PORT ANGELES	4							
CLARK	33	1		1				
VANCOUVER	12	1						
COLUMBIA								
COWLITZ	9							
KELSO	2							
LONGVIEW	5							
DOUGLAS	1							
FERRY	2							
FRANKLIN	5							
PASCO	4							
GARFIELD								
GRANT	18							
MOSES LAKE	4							
GRAYS HARBOR	17	1						
ABERDEEN	10	1						
ISLAND	10							
OAK HARBOR	6							
JEFFERSON								
KING	224	5		5				
AUBURN	3							
BELLEVUE	18							
DES MOINES								
KENT	5							
KIRKLAND	6							
MERCER ISLAND								
REDMOND	8							
RENTON	5							
SEATTLE	75	1		2				
KITSAP	26							
BREMERTON	7							
KITTITAS	4							
ELLENSBURG	3							
KLICKITAT	3				1			
LEWIS	9							
CENTRALIA	1							
LINCOLN		2						
MASON	4							
OKANOGAN	6							
PACIFIC	3							
PEND OREILLE								
PIERCE	84	2		2				
PUYALLUP	4							
TACOMA	26							
SAN JUAN	1							
SKAGIT	9			1				
MOUNT VERNON	2							
SKAMANIA								
SNOHOMISH	78	1			1			
EDMONDS	3	1						
EVERETT	20				1			
LYNNWOOD	3							
MOUNTLAKE TERRACE	3							
SPOKANE	57	1						
SPOKANE (CITY)	30	1						
STEVENS	3							
THURSTON	18	1						
LACEY	2							
OLYMPIA	6							
WAHKIAKUM								
WALLA WALLA	7							
WALLA WALLA (CITY)	2							
WHATCOM	19							
BELLINGHAM	7							
WHITMAN	7							
PULLMAN	2							
YAKIMA	38	1		3				
YAKIMA (CITY)	12			1				

TABLE 13

LIVE BIRTHS WITH MALFORMATIONS WITH PERCENT OF TOTAL BIRTHS BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL BIRTHS	BIRTHS WITH MALFORMATIONS	PERCENT OF TOTAL BIRTHS*	TOTAL MALFORMATIONS**
STATE TOTAL	70,226	1,256	1.8	1,412
ADAMS	289	5	1.7	5
ASOTIN	276	5	1.8	6
BENTON	1,881	42	2.2	48
KENNEWICK	812	10	1.2	14
RICHLAND	459	10	2.2	12
CHELAN	860	39	4.5	48
WENATCHEE	365	6	1.6	7
CLALLAM	749	19	2.5	21
PORT ANGELES	255	5	2.0	5
CLARK	3,316	27	.8	30
VANCOUVER	1,312	4	.3	5
COLUMBIA	51	2	3.9	2
COWLITZ	1,114	26	2.3	33
KELSO	198	2	1.0	2
LONGVIEW	492	3	.6	4
DOUGLAS	371	12	3.2	13
FERRY	94	1	1.1	1
FRANKLIN	743	20	2.7	26
PASCO	478	13	2.7	15
GARFIELD	28			
GRANT	1,043	37	3.6	41
MOSES LAKE	222	5	2.3	7
GRAYS HARBOR	1,040	28	2.7	29
ABERDEEN	288	3	1.0	3
ISLAND	912	40	4.4	43
OAK HARBOR	359	6	1.7	7
JEFFERSON	223	3	1.4	3
KING	19,790	426	2.2	493
AUBURN	546	10	1.8	14
BELLEVUE	889	9	1.0	10
DES MOINES	50	1	2.0	1
KENT	471	4	.9	4
KIRKLAND	336	3	.9	3
MERCER ISLAND	131	2	1.5	2
REDMOND	446	5	1.1	5
RENTON	662	9	1.4	11
SEATTLE	6,855	139	2.0	159
KITSAP	2,804	62	2.2	67
BREMERTON	834	13	1.6	13
KITTITAS	316	9	2.9	11
ELLENSBURG	145	4	2.8	4
KLICKITAT	252	6	2.4	6
LEWIS	833	13	1.6	13
CENTRALIA	220	1	.5	1
LINCOLN	131	1	.8	1
MASON	516	9	1.7	10
OKANOGAN	506	10	2.0	13
PACIFIC	241	6	2.5	6
PEND OREILLE	132			
PIERCE	9,535	466	4.9	490
PUYALLUP	371	5	1.4	5
TACOMA	3,189	76	2.4	79
SAN JUAN	115	1	.9	1
SKAGIT	1,098	34	3.1	40
MOUNT VERNON	294	2	.7	2
SKAMANIA	101			
SNOHOMISH	6,519	207	3.2	228
EDMONDS	397	8	2.0	8
EVERETT	1,419	43	3.0	49
LYNNWOOD	474	11	2.3	12
MOUNTLAKE TERRACE	282	3	1.1	3
SPOKANE	5,582	87	1.6	101
SPOKANE (CITY)	3,028	30	1.0	32
STEVENS	494	8	1.6	8
THURSTON	2,203	70	3.2	81
LACEY	258	9	3.5	11
OLYMPIA	866	14	1.6	15
WAHKIAKUM	30	1	3.3	1
WALLA WALLA	660	18	2.7	26
WALLA WALLA (CITY)	395	6	1.5	11
WHATCOM	1,619	36	2.2	46
BELLINGHAM	615	14	2.3	21
WHITMAN	448	7	1.6	9
PULLMAN	226	2	.9	3
YAKIMA	3,311	64	1.9	76
YAKIMA (CITY)	913	7	.8	7
COUNTY UNKNOWN				

** INDIVIDUAL BIRTHS MAY HAVE MORE THAN ONE MALFORMATION

TABLE 14

LIVE BIRTHS TO SINGLE MOTHERS BY PLACE OF RESIDENCE BY AGE OF MOTHER WASHINGTON STATE, 1985

COUNTY AND CITY	ALL AGES	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTAL	12,968	105	1,766	2,318	4,774	2,490	1,078	366	59	1	11
ADAMS	37	1	8	6	15	4	2		1		
ASOTIN	69		13	15	26	8	4	2	1		
BENTON	289	2	52	53	106	49	20	5	2		
KENNEWICK	140	1	21	26	50	26	13	2	1		
RICHLAND	66		11	10	31	10	2	2			
CHELAN	149		21	27	58	21	16	5			1
WENATCHEE	80		11	16	32	10	9	2			
CLALLAM	154	1	17	32	66	23	8	6	1		
PORT ANGLES	50		3	10	23	10	1	3			
CLARK	709	5	93	145	266	129	49	18	2		2
VANCOUVER	400	2	48	87	155	69	29	7	1		2
COLUMBIA	10		1	2	5	2					
COWLITZ	253	2	34	58	91	51	13	3	1		
KELSO	60		7	13	21	14	2	2	1		
LONGVIEW	123		14	28	50	24	7				
DOUGLAS	56		11	15	17	10	3				
FERRY	27		4	5	11	3	3	1			
FRANKLIN	152		25	25	58	26	12	6			
PASCO	124		19	18	49	22	11	5			
GARFIELD	4		3	1							
GRANT	166	1	23	29	67	33	7	5	1		
MOSES LAKE	43		7	9	20	5	1	1			
GRAYS HARBOR	260	2	46	54	95	40	14	8	1		
ABERDEEN	91	1	18	13	39	12	7		1		
ISLAND	93	2	6	18	36	19	7	4	1		
OAK HARBOR	25		2	6	13	3	1				
JEFFERSON	31		4	4	3	13	7				
KING	3,508	21	425	542	1,252	731	380	132	21		4
AUBURN	128	2	18	19	55	23	9	2			
BELLEVUE	91		6	15	27	26	13	3	1		
DES MOINES	6		1		3	1	1				
KENT	99		8	18	36	27	6	3	1		
KIRKLAND	26		5	3	9	4	5				
MERCER ISLAND	5			1	1	1	1	1			
REDMOND	27		1	4	12	4	4	1	1		
RENTON	126		14	15	53	30	11	3			
SEATTLE	1,674	9	193	242	567	365	215	73	9		1
KITSAP	414	4	64	76	151	69	38	11	1		
BREMERTON	161	1	23	30	57	37	12	1			
KITTITAS	46		5	7	19	7	6	2			
ELLENSBURG	30			6	13	5	4	2			
KLICKITAT	45		3	7	23	6	5	1			
LEWIS	186	1	27	35	78	25	16	3	1		
CENTRALIA	66	1	8	16	26	6	7	1	1		
LINCOLN	11		2	4	5						
MASON	110	2	16	26	40	15	11				
OKANOGAN	115	1	17	18	40	23	9	6	1		
PACIFIC	47		4	5	20	12	5	1			
PEND OREILLE	26		7	4	7	4	4				
PIERCE	1,905	24	276	341	713	364	135	45	6		1
PUYALLUP	69	2	15	13	22	11	4	1	1		
TACOMA	928	12	127	165	353	185	61	21	3		1
SAN JUAN	19		2	1	1	3	8	3	1		
SKAGIT	214	2	24	52	65	55	12	3	1		
MOUNT VERNON	75	1	9	21	19	20	1	3	1		
SKAMANIA	16	1	4	2	5	2	2				
SNOHOMISH	1,068	5	147	176	403	230	77	25	5		
EDMONDS	55		6	6	22	12	7	2			
EVERETT	385	4	61	62	149	73	25	9	2		
LYNNWOOD	69		11	7	32	13	3	3			
MOUNTLAKE TERRACE	39		6	6	15	7	4	1			
SPOKANE	982	5	114	195	382	195	61	24	4	1	1
SPOKANE (CITY)	666	4	69	130	250	146	44	18	3	1	1
STEVENS	94	1	14	22	31	15	7	4			
THURSTON	388	4	44	61	159	67	41	12			
LACEY	33		3	6	13	5	5	1			
OLYMPIA	179	1	19	21	79	30	20	9			
WAHKIAKUM	7				2	1	3		1		
WALLA WALLA	112		22	19	35	22	12	2			
WALLA WALLA (CITY)	85		15	15	28	13	12	2			
WHATCOM	248	2	30	38	103	40	24	8	2		1
BELLINGHAM	122	1	17	16	52	18	14	3			1
WHITMAN	21			6	7	5	3				
PULLMAN	9			2	5	2					
YAKIMA	927	16	158	192	313	168	54	21	4		1
YAKIMA (CITY)	271	6	48	51	97	46	18	4	1		
COUNTY UNKNOWN											

TABLE 15

LIVE BIRTHS BY INSTITUTIONS BY PLACE OF OCCURRENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	GENERAL HOSPITAL	BIRTH CENTER	FEDERAL FACILITY	HOME	BORN ON ARRIVAL	OTHER AND NOT STATED
STATE TOTALS	69,297	62,760	636	4,499	1,058	82	262
ADAMS	265	263			1	1	
ASOTIN	2				2		
BENTON	2,248	2,141	96		7	3	1
KENNEWICK	798	695	96		6	1	
RICHLAND	1,159	1,156			1	2	
CHELAN	1,270	1,255			13	2	
WENATCHEE	1,152	1,146			6		
CLALLAM	753	738			14	1	
PORT ANGELES	669	665			4		
CLARK	2,251	2,190			58	3	
VANCOUVER	2,219	2,189			28	2	
COLUMBIA	25	25					
COWLITZ	1,206	1,200			5	1	
KELSO	1				1		
LONGVIEW	1,202	1,200			1	1	
DOUGLAS	9				9		
FERRY	43	40			3		
FRANKLIN	474	471			2	1	
PASCO	473	471			1	1	
GARFIELD	6	5			1		
GRANT	862	850			7	5	
MOSES LAKE	646	640			3	3	
GRAYS HARBOR	789	771			14	2	2
ABERDEEN	778	770			4	2	2
ISLAND	767	241		489	37		
OAK HARBOR	7				7		
JEFFERSON	168	152			16		
KING	21,381	20,861	52		356	27	85
AUBURN	589	583			6		
BELLEVUE	2,321	2,288			20		13
DES MOINES	1				1		
KENT	13				13		
KIRKLAND	1,180	1,172			8		
MERCER ISLAND	3				3		
REDMOND	1,660	1,650			10		
RENTON	2,104	2,091			13		
SEATTLE	13,083	12,774	13		212	27	57
KITSAP	2,505	1,476		943	50	3	33
BREMERTON	1,492	1,476			13	2	1
KITTITAS	276	262			1		13
ELLENSBURG	262	261			1		
KLICKITAT	203	200			3		
LEWIS	853	829			21	2	1
CENTRALIA	379	375			4		
LINCOLN	56	55			1		
MASON	196	185			10	1	
OKANOGAN	479	448			24	1	6
PACIFIC	119	117			2		
PEND OREILLE	81	77			2	1	1
PIERCE	10,778	7,811	112	2,665	95	4	91
PUYALLUP	1,268	1,253			12	3	
TACOMA	6,721	6,557	112		48	1	3
SAN JUAN	21				9		12
SKAGIT	1,388	1,128	231		25		4
MOUNT VERNON	896	658	231		4		3
SKAMANIA	2				2		
SNOHOMISH	4,744	4,608			121	8	7
EDMONDS	1,589	1,576			11	2	
EVERETT	2,629	2,589			37	3	
LYNNWOOD	12				6	1	5
MOUNTLAKE TERRACE	7				7		
SPOKANE	6,373	5,795	134	402	35	6	1
SPOKANE (CITY)	5,935	5,762	134		32	6	1
STEVENS	328	314			14		
THURSTON	2,130	2,088			37	4	1
LACEY	5				5		
OLYMPIA	2,120	2,088			27	4	1
WAHKIAKUM	1				1		
WALLA WALLA	929	922			6	1	
WALLA WALLA (CITY)	926	922			4		
WHATCOM	1,563	1,503	11		45	1	3
BELLINGHAM	1,536	1,503	11		19	1	2
WHITMAN	468	464			2	1	1
PULLMAN	407	406			1		
YAKIMA	3,285	3,275			7	3	
YAKIMA (CITY)	2,456	2,450			4	2	

MORTALITY

TABLE 1

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1985

A. RESIDENCE, RACE BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	34,475	18,309	16,164	2
WHITE	32,783	17,315	15,466	2
BLACK	714	421	293	
MEXICAN/ CHICANO	100	70	30	
INDIAN	329	169	160	
JAPANESE	142	60	82	
CHINESE	96	62	34	
FILIPINO	116	90	26	
OTHER ASIAN	181	114	67	
OTHER	2	1	1	
UNKNOWN	12	7	5	

B. RESIDENCE, MARITAL STATUS BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	34,475	18,309	16,164	2
SINGLE	3,680	2,418	1,262	
MARRIED	15,662	10,941	4,720	1
DIVORCED	3,235	1,919	1,316	
WIDOWED	11,731	2,917	8,814	
UNKNOWN	167	114	52	1

C. RESIDENCE, AGE GROUP BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	34,475	18,309	16,164	2
UNDER 1	747	417	329	1
1 - 4	127	72	55	
5 - 14	188	120	68	
15 - 19	255	192	63	
20 - 24	346	268	78	
25 - 34	844	603	241	
35 - 44	1,056	683	373	
45 - 54	1,702	1,018	684	
55 - 64	4,457	2,751	1,706	
65 - 74	8,017	4,786	3,230	1
75 - 84	9,252	4,804	4,448	
85 - 94	6,348	2,284	4,064	
95 & OVER	1,134	311	823	
UNKNOWN	2		2	

D. RESIDENCE, INFANT DEATHS BY RACE

TOTAL	747
WHITE	658
BLACK	40
MEXICAN/CHICANO	7
INDIAN	20
JAPANESE	3
CHINESE	1
FILIPINO	3
OTHER ASIAN	15
OTHER	
UNKNOWN	

TABLE 1 (CONT'D)

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1985

E. RESIDENCE, BY LEADING CAUSES

	INTERNATIONAL LIST NUMBER	NUMBER OF DEATHS	PERCENT OF TOTAL DEATHS*
ALL CAUSES		34,475	100.0
1 DISEASES OF THE HEART	391-392.0,393-398,402 404,410-417,420-429	11,713	34.0
2 MALIGNANT NEOPLASMS	140-208,230-234	8,007	23.2
3 CEREBROVASCULAR DISEASE	430-438	2,709	7.9
4 ALL ACCIDENTS	E800-949	1,635	4.7
5 CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	1,597	4.6
6 INFLUENZA AND PNEUMONIA	480-487	1,191	3.5
7 SUICIDE	E950-959	627	1.8
8 DIABETES MELLITUS	250	621	1.8
9 DISEASES OF THE ARTERIES EXC. ATERIOLOSCLEROTIC	441-444,446-448	456	1.3
10 CIRRHOSIS OF LIVER	571	442	1.3
ALL OTHER CAUSES		5,477	15.9

F. RESIDENCE AND OCCURRENCE, BY MONTH

	RESIDENCE	OCCURRENCE
TOTAL	34,475	34,574
JANUARY	3,141	3,132
FEBRUARY	2,995	2,966
MARCH	3,061	3,080
APRIL	2,898	2,899
MAY	2,933	2,933
JUNE	2,613	2,631
JULY	2,816	2,855
AUGUST	2,629	2,641
SEPTEMBER	2,596	2,619
OCTOBER	2,959	2,984
NOVEMBER	2,749	2,760
DECEMBER	3,085	3,074

G. TYPE OF PLACE BY OCCURRENCE

TOTAL	34,574
GENERAL HOSPITAL	15,758
NURSING HOME	8,588
HOME	7,564
FEDERAL FACILITY	1,080
PSYCHIATRIC HOSPITAL	29
STATE FACILITY	5
DEAD ON ARRIVAL	57
OTHER AND UNKNOWN	1,493

*DETAIL MAY NOT ADD TO 100% DUE TO ROUNDING

TABLE 2

DEATHS WITH RATES* BY PLACE OF RESIDENCE AND OCCURRENCE, WASHINGTON STATE 1985

COUNTY AND CITY	RESIDENCE		OCCURRENCE	
	TOTAL	RATE	TOTAL	RATE
STATE TOTAL	34,475	7.9	34,574	7.9
ADAMS	110	8.0	100	7.2
ASOTIN	194	11.4	148	8.7
BENTON	644	6.1	641	6.1
KENNEWICK	264	7.1	269	7.3
RICHLAND	220	7.2	284	9.3
CHELAN	502	10.4	621	12.8
WENATCHEE	261	15.0	443	25.5
CLALLAM	533	10.1	492	9.4
PORT ANGELES	210	12.2	306	17.8
CLARK	1,473	7.2	1,337	6.6
VANCOUVER	656	15.3	1,140	26.7
COLUMBIA	61	14.9	47	11.5
COWLITZ	687	8.6	708	8.9
KELSO	124	11.3	41	3.8
LONGVIEW	347	11.5	600	19.8
DOUGLAS	165	7.2	62	2.8
FERRY	36	5.9	20	3.3
FRANKLIN	245	6.9	195	5.5
PASCO	167	8.9	175	9.4
GARFIELD	28	11.2	19	7.6
GRANT	381	7.6	319	6.4
MOSES LAKE	86	8.3	151	14.6
GRAYS HARBOR	691	10.8	604	9.5
ABERDEEN	221	12.8	391	22.7
ISLAND	376	7.6	267	5.4
OAK HARBOR	72	5.7	64	5.1
JEFFERSON	147	8.4	129	7.4
KING	10,355	7.7	11,145	8.3
AUBURN	206	6.9	303	10.1
BELLEVUE	511	6.4	537	6.7
DES MOINES	91	6.7	179	13.3
KENT	155	5.7	112	4.2
KIRKLAND	194	10.1	373	19.4
MERCER ISLAND	140	6.8	113	5.5
REDMOND	119	4.2	287	10.2
RENTON	317	9.3	566	16.6
SEATTLE	5,330	10.8	7,913	16.1
KITSAP	1,105	6.6	1,022	6.1
BREMERTON	379	10.0	641	17.0
KITTITAS	238	9.5	221	8.8
ELLENSBURG	122	10.5	168	14.4
KLICKITAT	137	8.2	97	5.8
LEWIS	593	10.5	540	9.6
CENTRALIA	192	16.5	292	24.7
LINCOLN	108	11.1	88	9.1
MASON	315	9.1	222	6.4
OKANOGAN	314	9.9	252	7.9
PACIFIC	230	13.1	195	11.1
PEND OREILLE	88	9.7	74	8.1
PIERCE	3,949	7.5	4,102	7.8
PUYALLUP	236	12.3	622	32.4
TACOMA	1,778	11.1	2,848	17.7
SAN JUAN	93	10.4	54	6.1
SKAGIT	655	9.6	708	10.4
MOUNT VERNON	154	10.8	271	19.1
SKAMANIA	45	5.8	25	3.2
SNOHOMISH	2,600	7.0	2,271	6.1
EDMONDS	271	9.7	426	15.3
EVERETT	660	11.6	993	17.4
LYNNWOOD	193	8.2	108	4.6
MOUNTLAKE TERRACE	63	4.0	19	1.2
SPOKANE	2,965	8.4	3,475	9.8
SPOKANE (CITY)	1,949	11.3	3,263	19.0
STEVENS	227	7.5	170	5.6
THURSTON	935	6.7	932	6.7
LACEY	152	10.0	124	8.2
OLYMPIA	325	11.4	706	24.7
WAHKIAKUM	39	10.5	27	7.3
WALLA WALLA	501	10.4	632	13.1
WALLA WALLA (CITY)	326	12.7	547	21.3
WHATCOM	857	7.4	863	7.4
BELLINGHAM	437	9.4	682	14.7
WHITMAN	242	6.1	177	4.5
PULLMAN	65	2.9	66	2.9
YAKIMA	1,610	8.8	1,572	8.6
YAKIMA (CITY)	674	13.6	1,116	22.5

*RATES PER 1,000 POPULATION.

TABLE 3

DEATHS BY SEX AND RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	MALE	FEMALE	UNK	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPANESE	CHINESE	FILIPINO	OTHER ASIAN	OTHER	UNK
STATE TOTAL	34,475	18,309	16,164	2	32,783	714	100	329	142	96	116	181	2	12
ADAMS	110	62	48		108		2							
ASOTIN	194	96	98		191	1		2						
BENTON	644	343	301		628	3	8	2				3		
KENNEWICK	264	139	125		257		7							
RICHLAND	220	128	92		213	3		1				3		
CHELAN	502	276	226		494		6	2						
WENATCHEE	261	132	129		257		3	1						
CLALLAM	533	300	233		523		1	7	1			1		
PORT ANGELES	210	113	97		210									
CLARK	1,473	800	673		1,445	13	1	2		1	2	8		1
VANCOUVER	656	341	315		642	9		2				2		1
COLUMBIA	61	30	31		61									
COWLITZ	687	379	307	1	681		3					2		1
KELSO	124	70	54		123		1							
LONGVIEW	347	183	164		342		2					2		1
DOUGLAS	165	95	70		163		1	1						
FERRY	36	18	18		30			6						
FRANKLIN	245	129	116		216	17	12							
PASCO	167	83	84		142	16	9							
GARFIELD	28	16	12		28									
GRANT	381	224	157		366	7	2	3	3					
MOSES LAKE	86	48	38		80	6								
GRAYS HARBOR	691	374	317		671	1	1	14		2	1	1		
ABERDEEN	221	117	104		217		1	1		2				
ISLAND	376	208	168		371	1					3	1		
OAK HARBOR	72	34	38		67	1					3	1		
JEFFERSON	147	86	61		145			2						
KING	10,355	5,357	4,998		9,439	472	9	68	113	83	75	95		1
AUBURN	206	116	90		203				1	1		1		
BELLEVUE	511	282	229		490	3		3	4	1	2	8		
DES MOINES	91	31	60		90	1								
KENT	155	79	76		150	1	1		1		1	1		
KIRKLAND	194	79	115		188	5	1							
MERCER ISLAND	140	56	84		137				3					
REDMOND	119	67	52		118	1								
RENTON	317	165	152		300	5		1	3	1	2	5		
SEATTLE	5,330	2,719	2,611		4,568	433	6	45	87	74	59	58		
KITSAP	1,105	608	497		1,066	12	1	7	1	2	8	7		1
BREMERTON	379	206	173		359	7	1	3			4	4		1
KITTITAS	238	124	114		236							1		1
ELLENSBURG	122	59	63		121							1		
KLICKITAT	137	76	61		132			4	1					
LEWIS	593	329	264		589		1	3						
CENTRALIA	195	88	107		194			1						
LINCOLN	108	62	46		107			1						
MASON	315	178	137		307			6			1	1		
OKANOGAN	314	180	134		276		1	36	1					
PACIFIC	230	124	106		230									
PEND OREILLE	88	52	36		86			2						
PIERCE	3,949	2,114	1,835		3,741	126	3	18	8	1	10	40	1	1
PUYALLUP	236	122	114		232	1		2				1		
TACOMA	1,778	894	884		1,658	86	1	9	3	1	1	17	1	1
SAN JUAN	93	52	41		93									
SKAGIT	655	360	295		650			4				1		
MOUNT VERNON	154	73	81		154									
SKAMANIA	46	32	14		46									
SNOHOMISH	2,600	1,384	1,216		2,562	5	5	14	2	1	5	5		1
EDMONDS	271	130	141		269			1			1			
EVERETT	660	331	329		650	2	2	3	2			1		
LYNNWOOD	193	93	100		186	2		3			2			
MOUNTLAKE TERRACE	63	36	27		60						1	2		
SPOKANE	2,965	1,509	1,456		2,900	23	3	17	10	1	3	4	1	3
SPOKANE (CITY)	1,949	985	964		1,895	21	1	16	9		3	3		1
STEVENS	227	128	98	1	215			12						
THURSTON	935	496	439		913	5	2	7		1		6		1
LACEY	152	66	86		145	1	1	1				4		
OLYMPIA	325	178	147		317	1		3		1		2		1
WAHKIAKUM	39	25	14		38			1						
WALLA WALLA	501	264	237		493	2	3	1		2				
WALLA WALLA (CITY)	326	170	156		320	2	1	1		2				
WHATCOM	857	437	420		825	2		24			1	4		1
BELLINGHAM	437	194	243		422	2		10				3		
WHITMAN	242	133	109		240					1		1		
PULLMAN	65	32	33		63					1		1		
YAKIMA	1,610	849	761		1,478	24	35	63	2	1	7			
YAKIMA (CITY)	674	322	352		635	22	10	3	1	1	2			

TABLE 4

DEATHS BY AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	UNDER 1	1-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	AGE UNK
STATE TOTAL	34,475	747	127	188	255	346	844	1,056	1,702	4,457	8,017	9,252	7,482	2
ADAMS	110	1	1	1	4		2	1	5	18	23	35	19	
ASOTIN	194	6		1	3	2	3	6	5	18	45	58	47	
BENTON	644	20	4	1	8	11	19	22	39	90	139	172	119	
KENNEWICK	264	13	2		4	4	13	10	13	31	53	65	56	
RICHLAND	220	2	1		2	4	3	9	14	30	49	64	42	
CHELAN	502	12		3	6	3	11	13	24	60	105	154	111	
WENATCHEE	261	3		1	2	2	7	7	8	29	56	78	68	
CLALLAM	533	9	1	1	1	4	9	15	19	59	159	140	116	
PORT ANGELES	210	3		1		1	4	8	5	20	61	53	54	
CLARK	1,473	25	8	6	11	9	42	48	92	205	370	385	272	
VANCOUVER	656	10	2		3	3	16	18	30	88	168	182	136	
COLUMBIA	61				1	1	1	3	2	6	14	19	14	
COWLITZ	687	9	3	4	6	5	12	19	35	92	183	196	123	
KELSO	124	2	1		3	3	1	5	2	16	37	38	16	
LONGVIEW	347	2	2	1	2	1	8	9	14	47	93	99	69	
DOUGLAS	165	4	3	2	1	2	3	5	10	22	41	48	24	
FERRY	36						1	4	2	7	8	7	7	
FRANKLIN	245	11	1	1		7	12	11	18	42	60	50	32	
PASCO	167	7	1			4	10	6	10	26	38	40	25	
GARFIELD	28				1				1	2	9	9	6	
GRANT	381	15	2	3	6	4	9	7	15	49	115	88	68	
MOSES LAKE	86	4			1	1	2	1	2	8	28	24	15	
GRAYS HARBOR	691	14	3	1	3	7	17	13	45	87	179	191	131	
ABERDEEN	221	3	1	1	2		2	5	18	31	58	55	45	
ISLAND	376	9	2	3	1	3	13	17	18	48	96	94	72	
OAK HARBOR	72	5	1	1		1	3	4	4	10	12	17	14	
JEFFERSON	147	2		1		1	2	3	5	20	43	38	32	
KING	10,355	197	26	55	73	112	286	375	550	1,331	2,303	2,708	2,338	1
AUBURN	206	8			1	1	4	8	13	23	56	56	36	
BELLEVUE	511	7		2	2	11	9	15	27	84	120	130	104	
DES MOINES	91	2				1	4	1	1	4	6	22	50	
KENT	155	10	1	3	1	3	3	12	12	23	34	34	19	
KIRKLAND	194	5	1	3	1	1	2	4	14	17	44	48	54	
MERCER ISLAND	140		1		1	2	2	3	11	15	28	34	43	
REDMOND	119	6		1	2	1	2	5	11	15	19	27	30	
RENTON	317	10	1	1	3	6	3	7	17	48	66	83	72	
SEATTLE	5,330	75	9	13	21	38	181	191	241	594	1,191	1,519	1,277	
KITSAP	1,105	31	3	6	3	14	23	32	61	135	263	312	222	
BREMERTON	379	12	2	1		6	6	6	14	42	87	115	88	
KITTITAS	238	2		2	4	2	2	8	7	29	53	69	60	
ELLENSBURG	122	2			2	1	1	4	2	9	24	37	40	
KLICKITAT	137	5		3	2	2	5	4	7	14	34	31	30	
LEWIS	593	8	1	3	4	4	10	15	26	87	129	155	150	1
CENTRALIA	195	1		1		1	3	3	13	18	33	60	62	
LINCOLN	108	1				1	4	3	2	9	25	32	31	
MASON	315	6		1	1	1	8	10	14	37	90	86	61	
OKANOGAN	314	9	1	1	1	4	3	8	12	45	76	81	73	
PACIFIC	230	4		2		1	2	4	2	31	69	76	39	
PEND OREILLE	88	2				1		4	3	14	25	24	15	
PIERCE	3,949	123	21	22	33	46	96	113	198	580	903	1,007	807	
PUYALLUP	236	7		1	2	2	5	3	4	29	49	70	64	
TACOMA	1,778	42	11	8	9	16	46	45	78	241	381	479	422	
SAN JUAN	93			1			3	9	1	14	28	25	12	
SKAGIT	655	11	5	4	4	3	11	18	26	67	137	202	168	
MOUNT VERNON	154	5	2		1		1	5	4	9	30	53	44	
SKAMANIA	46	2		1	2	1		2	2	9	15	8	4	
SNOHOMISH	2,600	72	15	13	30	26	80	92	130	324	613	674	531	
EDMONDS	271	4	1	1	2	2	4	7	17	38	42	71	82	
EVERETT	660	21	1	2	2	8	10	15	28	74	146	195	158	
LYNNWOOD	193	6	1	1	3	2	8	7	10	24	44	54	33	
MOUNTLAKE TERRACE	63	3	1		4	1	2	4	3	11	16	14	4	
SPOKANE	2,965	56	9	18	19	27	66	59	131	363	644	843	730	
SPOKANE (CITY)	1,949	31	4	8	10	13	48	37	76	225	404	576	517	
STEVENS	227	6	1	2	1	4	7	6	13	38	49	57	43	
THURSTON	935	17		9	2	6	12	35	55	128	221	253	197	
LACEY	152	4		1	1		2	5	6	15	24	46	48	
OLYMPIA	325	5			1	4	3	11	23	42	83	82	71	
WAHKIAKUM	39		1				1			6	11	9	11	
WALLA WALLA	501	6	1	4	1		8	9	29	53	109	135	146	
WALLA WALLA (CITY)	326	6			1		6	4	21	33	67	94	94	
WHATCOM	857	12	4	5	7	9	17	19	27	95	213	244	205	
BELLINGHAM	437	5	2	5	4	2	10	6	14	38	98	124	129	
WHITMAN	242	6	3	3	1	3	1	3	10	27	41	82	62	
PULLMAN	65	4	1			2		2	4	11	8	17	16	
YAKIMA	1,610	34	8	7	15	20	43	41	62	196	377	453	354	
YAKIMA (CITY)	674	14	1	1	3	4	16	15	17	64	146	194	199	

TABLE 5

DEATHS BY MONTH OF OCCURRENCE BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
STATE TOTAL	34,475	3,141	2,995	3,061	2,898	2,933	2,613	2,816	2,629	2,596	2,959	2,749	3,085
ADAMS	110	8	10	3	9	13	13	11	9	11	3	9	11
ASOTIN	194	12	13	20	20	15	14	16	18	12	18	20	16
BENTON	644	71	63	58	61	45	50	48	54	64	42	37	51
KENNEWICK	264	29	29	23	15	22	19	19	20	34	16	15	23
RICHLAND	220	26	13	19	23	16	20	15	20	19	17	17	15
CHELAN	502	50	45	49	48	35	42	50	33	36	49	32	33
WENATCHEE	261	27	20	25	27	12	20	30	20	21	25	18	16
CLALLAM	533	48	47	46	35	43	34	48	35	50	57	45	45
PORT ANGELES	210	19	19	19	13	17	15	20	13	17	21	16	21
CLARK	1,473	149	125	113	130	143	113	111	116	85	134	113	141
VANCOUVER	656	62	56	47	59	65	54	56	50	42	59	46	60
COLUMBIA	61	3	4	4	1	9	7	5	6	8	4	7	3
COWLITZ	687	59	70	69	58	52	57	51	38	51	56	51	75
KELSO	124	13	12	10	5	12	10	9	12	13	9	9	10
LONGVIEW	347	28	41	36	35	24	25	27	16	19	27	31	38
DOUGLAS	165	11	12	18	18	10	10	13	16	19	15	16	7
FERRY	36	3	4	2	4	6	4	4	1	2	2		4
FRANKLIN	245	21	19	32	19	15	18	16	27	21	26	19	12
PASCO	167	15	13	25	12	12	10	10	19	10	20	11	10
GARFIELD	28	5		5	6	3	4	3		1	1		
GRANT	381	25	31	29	26	37	24	20	43	26	37	42	41
MOSES LAKE	86	2	9	6	5	10	6	6	10	6	4	9	13
GRAYS HARBOR	691	69	54	65	53	56	53	54	59	61	46	58	63
ABERDEEN	221	23	16	21	12	22	17	21	21	15	13	18	22
ISLAND	376	39	37	28	30	35	25	37	28	26	32	28	31
OAK HARBOR	72	9	7	7	9	8	4	6	1	4	7	4	6
JEFFERSON	147	16	18	10	11	11	4	14	7	11	19	12	14
KING	10,355	986	906	903	891	848	790	830	779	763	901	818	940
AUBURN	206	15	16	19	18	14	22	15	18	23	17	13	16
BELLEVUE	511	48	47	44	40	38	44	35	37	39	44	39	56
DES MOINES	91	9	9	4	7	5	7	7	6	4	11	7	15
KENT	155	9	17	8	16	14	9	13	12	7	12	18	20
KIRKLAND	194	16	12	14	11	19	14	10	23	23	13	20	19
MERCER ISLAND	140	8	14	18	13	8	12	12	8	12	15	6	14
REDMOND	119	12	10	12	9	4	6	15	10	13	7	10	11
RENTON	317	29	28	37	20	29	24	24	25	21	29	16	35
SEATTLE	5,330	506	468	461	445	443	405	442	411	365	477	437	470
KITSAP	1,105	116	114	98	78	85	77	92	94	95	75	91	90
BREMERTON	379	40	43	36	25	23	24	38	32	35	19	38	26
KITTITAS	238	21	22	20	20	19	15	25	17	24	18	19	18
ELLENSBURG	122	12	12	10	10	11	7	13	7	15	11	7	7
KLICKITAT	137	7	8	11	12	12	11	12	12	12	12	6	22
LEWIS	593	53	54	49	52	50	41	53	43	44	49	50	55
CENTRALIA	195	19	16	18	13	14	12	18	20	12	12	20	21
LINCOLN	108	13	5	14	9	8	5	13	14	7	9	4	7
MASON	315	22	25	30	29	24	26	29	20	26	30	23	31
OKANOGAN	314	25	21	25	30	36	26	27	20	27	26	26	25
PACIFIC	230	21	19	19	26	14	20	20	15	14	24	19	19
PEND OREILLE	88	6	5	11	7	5	7	7	5	11	7	10	7
PIERCE	3,949	363	358	353	309	318	279	336	290	312	347	326	358
PUYALLUP	236	27	21	24	15	24	13	24	15	18	25	12	18
TACOMA	1,778	160	167	165	138	151	119	152	137	129	155	147	158
SAN JUAN	93	17	7	12	10	4	7	6	5	8	4	6	7
SKAGIT	655	61	57	44	55	58	51	65	51	43	55	53	62
MOUNT VERNON	154	17	9	10	13	14	12	17	17	8	12	12	13
SKAMANIA	46	4	1	4	1	9	5	2	3	6	5	1	5
SNOHOMISH	2,600	218	220	235	204	245	215	209	177	211	218	215	233
EDMONDS	271	20	23	31	24	23	21	18	17	23	22	22	27
EVERETT	660	54	65	71	49	61	54	56	38	54	50	50	58
LYNNWOOD	193	14	16	14	16	22	14	12	17	13	25	18	12
MOUNTLAKE TERRACE	63	7	1	13	3	6	7	6	2	4	2	4	8
SPOKANE	2,965	238	242	289	279	291	229	225	237	189	241	232	273
SPOKANE (CITY)	1,949	172	160	188	180	197	151	143	156	118	153	149	182
STEVENS	227	14	20	26	13	26	19	21	17	14	20	19	18
THURSTON	935	84	74	78	85	99	69	81	75	68	73	75	74
LACEY	152	11	10	13	13	23	12	13	9	10	16	8	14
OLYMPIA	325	31	23	31	31	33	26	34	24	20	19	28	25
WAHKIAKUM	39	5		7	3	5	2	1	3	2	6	4	1
WALLA WALLA	501	50	39	49	32	39	40	41	43	35	41	42	50
WALLA WALLA (CITY)	326	34	26	22	25	29	27	25	31	20	33	32	22
WHATCOM	857	62	69	72	75	71	57	71	71	64	81	70	94
BELLINGHAM	437	27	37	44	35	32	29	37	32	32	48	34	50
WHITMAN	242	20	21	21	16	25	13	25	27	17	22	20	15
PULLMAN	65	5	10	10	3	4	3	8	13	1	2	4	2
YAKIMA	1,610	146	156	140	133	114	137	124	121	120	154	131	134
YAKIMA (CITY)	674	47	71	55	55	39	53	41	53	52	71	55	62

TABLE 6

DEATHS WITH RATES* BY SELECTED DISEASE CONDITIONS BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	INFECTIOUS AND PARASITIC DISEASES		MALIGNANT NEOPLASM		ALCOHOLISM		DISEASES OF THE HEART		CEREBROVASCULAR DISEASE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	332	7.6	8,007	182.6	67	1.5	11,713	267.2	2,709	61.8
ADAMS	1	7.2	27	195.7	1	7.2	34	246.4	7	50.7
ASOTIN	1	5.9	43	252.9			52	305.9	17	100.0
BENTON	3	2.9	164	155.9	2	1.9	189	179.7	50	47.5
KENNEWICK			63	170.3	2	5.4	71	191.9	18	48.7
RICHLAND	2	6.6	67	219.6			69	226.2	18	59.0
CHELAN	1	2.1	107	220.6	1	2.1	180	371.1	38	78.4
WENATCHEE	1	5.8	54	311.1			90	518.4	22	126.7
CLALLAM	6	11.4	113	214.8	1	1.9	189	359.3	43	81.7
PORT ANGELES	3	17.4	46	267.4			70	407.0	13	75.6
CLARK	13	6.4	337	165.7	6	2.9	526	258.6	106	52.1
VANCOUVER	8	18.7	147	343.8	4	9.4	240	561.3	52	121.6
COLUMBIA			14	341.5			17	414.6	6	146.3
COWLITZ	4	5.0	157	197.2	1	1.3	279	350.5	49	61.6
KELSO			30	274.5			52	475.8	8	73.2
LONGVIEW	3	9.9	76	250.8			150	495.0	26	85.8
DOUGLAS			44	192.1	1	4.4	50	218.3	12	52.4
FERRY			9	147.5			17	278.7	3	49.2
FRANKLIN	1	2.8	46	128.9			81	226.9	11	30.8
PASCO	1	5.3	31	165.8			58	310.2	8	42.8
GARFIELD	1	40.0	7	280.0			6	240.0	1	40.0
GRANT	3	6.0	105	210.4			108	216.4	22	44.1
MOSES LAKE			31	298.9			21	202.5	8	77.1
GRAYS HARBOR	6	9.4	148	231.6			281	439.7	37	57.9
ABERDEEN	3	17.4	44	255.1			90	521.7	13	75.4
ISLAND	2	4.1	89	180.9			117	237.8	25	50.8
OAK HARBOR			12	95.1			28	221.9	1	7.9
JEFFERSON	2	11.4	39	222.9			50	285.7	11	62.9
KING	136	10.1	2,465	183.1	19	1.4	3,370	250.3	797	59.2
AUBURN			48	160.6			71	237.6	13	43.5
BELLEVUE	7	8.7	159	198.1			147	183.2	38	47.4
DES MOINES	1	7.4	15	111.1	1	7.4	33	244.4	7	51.9
KENT	3	11.1	43	159.4			50	185.3	7	25.9
KIRKLAND	3	15.6	52	270.8			59	307.2	12	62.5
MERCER ISLAND	1	4.8	39	189.1			45	218.2	6	29.1
REDMOND	2	7.1	32	113.8			34	120.9	11	39.1
RENTON	2	5.9	77	226.3			118	346.8	20	58.8
SEATTLE	85	17.3	1,182	240.5	9	1.8	1,759	358.0	459	93.4
KITSAP	10	6.0	276	164.5	2	1.2	393	234.2	76	45.3
BREMERTON	1	2.6	90	238.3	1	2.6	133	352.2	35	92.7
KITTITAS			51	204.0			79	316.0	24	96.0
ELLENSBURG			21	179.9			46	394.2	14	120.0
KLICKITAT			36	215.6			43	257.5	7	41.9
LEWIS			136	240.7	2	3.5	216	382.3	58	102.7
CENTRALIA			40	338.7	1	8.5	67	567.3	23	194.8
LINCOLN			22	226.8	1	10.3	35	360.8	14	144.3
MASON			80	229.9			116	333.3	27	77.6
OKANOGAN	3	9.5	67	211.4			130	410.1	21	66.2
PACIFIC			47	268.6	2	11.4	84	480.0	17	97.1
PEND OREILLE	2	22.0	20	219.8			35	384.6	10	109.9
PIERCE	32	6.1	932	177.6	9	1.7	1,347	256.6	291	55.4
PUYALLUP	2	10.4	46	239.8			85	443.2	20	104.3
TACOMA	18	11.2	386	240.0	5	3.1	618	384.3	142	88.3
SAN JUAN	1	11.2	20	224.7	1	11.2	33	370.8	2	22.5
SKAGIT	7	10.3	134	196.5	1	1.5	237	347.5	60	88.0
MOUNT VERNON	3	21.1	27	190.0	1	7.0	53	373.0	17	119.6
SKAMANIA			10	126.6			21	265.8	1	12.7
SNOHOMISH	27	7.2	662	177.5	3	.8	847	227.1	217	58.2
EDMONDS	2	7.2	62	222.4			91	326.4	28	100.4
EVERETT	6	10.5	174	305.1	1	1.8	207	363.0	73	128.0
LYNNWOOD	5	21.4	37	158.1			56	239.3	12	51.3
MOUNTLAKE TERRACE	2	12.6	16	100.6			18	113.2		
SPOKANE	31	8.7	652	184.0	8	2.3	1,011	285.4	244	68.9
SPOKANE (CITY)	21	12.2	410	238.2	6	3.5	681	395.7	175	101.7
STEVENS	1	3.3	42	139.5			79	262.5	20	66.4
THURSTON	6	4.3	220	157.7	2	1.4	340	243.7	73	52.3
LACEY			31	203.9			71	467.1	12	78.9
OLYMPIA	3	10.5	71	248.6			120	420.2	25	87.5
WAHKIAKUM			4	108.1			19	513.5	2	54.1
WALLA WALLA	4	8.3	115	237.6	1	2.1	157	324.4	46	95.0
WALLA WALLA (CITY)	2	7.8	72	280.8	1	3.9	103	401.7	28	109.2
WHATCOM	8	6.9	208	179.3	1	.9	295	254.3	80	69.0
BELLINGHAM	3	6.5	104	224.3	1	2.2	149	321.4	46	99.2
WHITMAN	3	7.6	51	128.8			75	189.4	22	55.6
PULLMAN	1	4.4	17	75.4			13	57.6	4	17.7
YAKIMA	17	9.3	308	168.8	2	1.1	575	315.1	162	88.8
YAKIMA (CITY)	7	14.1	118	238.3	1	2.0	245	494.8	80	161.6

* RATES PER 100,000 ESTIMATED POPULATION.

TABLE 7

DEATHS WITH RATES* BY SELECTED DISEASE CONDITIONS BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	GENERAL ARTERIOSCLEROSIS		INFLUENZA AND PNEUMONIA		CHRONIC OBSTRUCTIVE PULMONARY DISEASES		CIRRHOSIS OF THE LIVER		NEPHRITIS NEPHROTIC SYNDROME NEPHROSIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	429	9.8	1,191	27.2	1,597	36.4	442	10.1	279	6.4
ADAMS	3	21.7	5	36.2	5	36.2	1	7.2	1	7.2
ASOTIN	4	23.5	11	64.7	6	35.3	2	11.8		
BENTON	3	2.9	28	26.6	37	35.2	9	8.6	4	3.8
KENNEWICK	1	2.7	15	40.6	16	43.3	2	5.4	1	2.7
RICHLAND	1	3.3	9	29.5	12	39.3	3	9.8	3	9.8
CHELAN	5	10.3	6	12.4	29	59.8	5	10.3	5	10.3
WENATCHEE	2	11.5	5	28.8	16	92.2	2	11.5	4	23.0
CLALLAM	4	7.6	24	45.6	31	58.9	10	19.0	6	11.4
PORT ANGELES	4	23.3	8	46.5	13	75.6	5	29.1	3	17.4
CLARK	12	5.9	48	23.6	70	34.4	19	9.3	9	4.4
VANCOUVER	7	16.4	23	53.8	34	79.5	7	16.4	4	9.4
COLUMBIA			4	97.6	2	48.8	2	48.8		
COWLITZ	7	8.8	21	26.4	26	32.7	12	15.1	1	1.3
KELSO			3	27.4	2	18.3	6	54.9		
LONGVIEW	4	13.2	12	39.6	18	59.4	4	13.2		
DOUGLAS			4	17.5	8	34.9	1	4.4		
FERRY										
FRANKLIN	2	5.6	3	8.4	20	56.0	6	16.8	2	5.6
PASCO			3	16.0	14	74.9	5	26.7	2	10.7
GARFIELD	1	40.0			1	40.0			1	40.0
GRANT	4	8.0	10	20.0	21	42.1	5	10.0	3	6.0
MOSES LAKE			2	19.3	2	19.3	3	28.9		
GRAYS HARBOR	10	15.6	30	46.9	34	53.2	7	11.0	6	9.4
ABERDEEN	4	23.2	10	58.0	11	63.8	3	17.4	1	5.8
ISLAND	11	22.4	15	30.5	24	48.8	6	12.2	2	4.1
OAK HARBOR	1	7.9	3	23.8	3	23.8	1	7.9		
JEFFERSON	3	17.1	6	34.3	4	22.9	3	17.1	3	17.1
KING	110	8.2	385	28.6	426	31.6	143	10.6	88	6.5
AUBURN	2	6.7	6	20.1	13	43.5	4	13.4	4	13.4
BELLEVUE	3	3.7	20	24.9	17	21.2	5	6.2	3	3.7
DES MOINES			9	86.7	5	37.0	1	7.4		
KENT	2	7.4	2	7.4	6	22.2			1	3.7
KIRKLAND	4	20.8	8	41.7	5	26.0	1	5.2	1	5.2
MERCER ISLAND	1	4.8	9	43.6	5	24.2			1	4.8
REDMOND	3	10.7	2	7.1	2	7.1	1	3.6		
RENTON	6	17.6	13	38.2	9	26.4	4	11.8	3	8.8
SEATTLE	57	11.6	200	40.7	236	48.0	89	18.1	51	10.4
KITSAP	9	5.4	35	20.9	50	29.8	9	5.4	3	1.8
BREMERTON	4	10.6	16	42.4	18	47.7	2	5.3	2	5.3
KITTITAS	2	8.0	5	20.0	18	72.0	4	16.0		
ELLENSBURG			4	34.3	9	77.1				
KLICKITAT	2	12.0	7	41.9	7	41.9	1	6.0	2	12.0
LEWIS	11	19.5	9	15.9	21	37.2	6	10.6	9	15.9
CENTRALIA	3	25.4	4	33.9	9	76.2	1	8.5	4	33.9
LINCOLN			5	51.5	4	41.2	1	10.3	2	20.6
MASON	1	2.9	11	31.6	11	31.6	2	5.7	2	5.7
OKANOGAN	3	9.5	9	28.4	16	50.5	4	12.6	5	15.8
PACIFIC	4	22.9	8	45.7	7	40.0	2	11.4	1	5.7
PEND OREILLE	1	11.0	2	22.0	5	54.9			1	11.0
PIERCE	66	12.6	113	21.5	198	37.7	63	12.0	36	6.9
PUYALLUP	10	52.1	12	62.6	10	52.1	2	10.4		
TACOMA	33	20.5	49	30.5	96	59.7	41	25.5	16	10.0
SAN JUAN	1	11.2	6	67.4	1	11.2	2	22.5	1	11.2
SKAGIT	10	14.7	31	45.5	31	45.5	2	2.9	5	7.3
MOUNT VERNON	3	21.1	12	84.4	4	28.1			1	7.0
SKAMANIA					4	50.6				
SNOHOMISH	27	7.2	88	23.6	94	25.2	27	7.2	15	4.0
EDMONDS	3	10.8	11	39.5	9	32.3	7	25.1	1	3.6
EVERETT	7	12.3	20	35.1	24	42.1	10	17.5	2	3.5
LYNNWOOD	2	8.5	9	38.5	7	29.9	1	4.3	5	21.4
MOUNTLAKE TERRACE					4	25.2	1	6.3		
SPOKANE	57	16.1	101	28.5	171	48.3	35	9.9	25	7.1
SPOKANE (CITY)	36	20.9	69	40.1	115	66.8	25	14.5	15	8.7
STEVENS	3	10.0	3	10.0	10	33.2	1	3.3	9	29.9
THURSTON	8	5.7	23	16.5	43	30.8	14	10.0	8	5.7
LACEY	3	19.7	1	6.6	4	26.3	1	6.6	2	13.2
OLYMPIA			12	42.0	16	56.0	5	17.5	3	10.5
WAHKIAKUM			1	27.0					2	54.1
WALLA WALLA	9	18.6	22	45.5	19	39.3	6	12.4	1	2.1
WALLA WALLA (CITY)	5	19.5	15	58.5	17	66.3	4	15.6		
WHATCOM	12	10.3	34	29.3	40	34.5	5	4.3	8	6.9
BELLINGHAM	9	19.4	12	25.9	20	43.1	1	2.2	2	4.3
WHITMAN	4	10.1	17	42.9	9	22.7	3	7.6	4	10.1
PULLMAN	2	8.9	5	22.2	4	17.7	1	4.4	1	4.4
YAKIMA	20	11.0	61	33.4	94	51.5	24	13.2	9	4.9
YAKIMA (CITY)	9	18.2	30	60.6	45	90.9	6	12.1	5	10.1

* RATES PER 100,000 ESTIMATED POPULATION.

TABLE 8

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	ALL ACCIDENTS		MOTOR VEHICLE		FALLS		DROWNINGS		FIRES		ALL OTHER ACCIDENTS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,635	37.3	805	18.4	252	5.7	126	2.9	69	1.6	383	8.7
ADAMS	7	50.7	4	29.0	1	7.2			2	14.5		
ASOTIN	13	76.5	6	35.3	3	17.6			2	11.8	2	11.8
BENTON	39	37.1	17	16.2	3	2.9	2	1.9	1	1.0	16	15.2
KENNEWICK	13	35.1	5	13.5	1	2.7					7	18.9
RICHLAND	14	45.9	7	22.9	1	3.3	2	6.6			4	13.1
CHELAN	28	57.7	17	35.1	3	6.2	3	6.2			5	10.3
WENATCHEE	11	63.4	10	57.6	1	5.8						
CLALLAM	32	60.8	19	36.1	9	17.1					4	7.6
PORT ANGELES	14	81.4	6	34.9	5	29.1					3	17.4
CLARK	78	38.3	44	21.6	9	4.4	4	2.0	2	1.0	19	9.3
VANCOUVER	23	53.8	13	30.4	4	9.4	2	4.7			4	9.4
COLUMBIA	3	73.2	1	24.4	1	24.4	1	24.4				
COWLITZ	29	36.4	11	13.8	7	8.8	5	6.3			6	7.5
KELSO	2	18.3	1	9.1	1	9.1						
LONGVIEW	17	56.1	6	19.8	3	9.9	4	13.2			4	13.2
DOUGLAS	14	61.1	7	30.6	3	13.1	1	4.4	2	8.7	1	4.4
FERRY	2	32.8	1	16.4							1	16.4
FRANKLIN	20	56.0	14	39.2	2	5.6	1	2.8	2	5.6	1	2.8
PASCO	9	48.1	4	21.4	2	10.7			2	10.7	1	5.3
GARFIELD	2	80.0	1	40.0							1	40.0
GRANT	19	38.1	7	14.0	2	4.0	1	2.0			9	18.0
MOSES LAKE	5	48.2	2	19.3							3	28.9
GRAYS HARBOR	34	53.2	13	20.3	4	6.3	2	3.1			15	23.5
ABERDEEN	6	34.8	5	29.0							1	5.8
ISLAND	24	48.8	11	22.4	3	6.1	5	10.2	3	6.1	2	4.1
OAK HARBOR	3	23.8	3	23.8								
JEFFERSON	7	40.0	5	28.6			1	5.7			1	5.7
KING	465	34.5	208	15.4	81	6.0	42	3.1	15	1.1	119	8.8
AUBURN	9	30.1	4	13.4			1	3.3			4	13.4
BELLEVUE	22	27.4	12	15.0	2	2.5	1	1.2	1	1.2	6	7.5
DES MOINES	3	22.2	1	7.4	1	7.4					1	7.4
KENT	9	33.4	5	18.5					1	3.7	3	11.1
KIRKLAND	6	31.2	2	10.4	1	5.2					3	15.6
MERCER ISLAND	6	29.1	5	24.2	1	4.8						
REDMOND	5	17.8	3	10.7	1	3.6	1	3.6				
RENTON	20	58.8	12	35.3	1	2.9	2	5.9			5	14.7
SEATTLE	187	38.1	61	12.4	45	9.2	21	4.3	8	1.6	52	10.6
KITSAP	43	25.6	26	15.5	3	1.8	4	2.4	3	1.8	7	4.2
BREMERTON	16	42.4	8	21.2	1	2.6			3	7.9	4	10.6
KITTITAS	13	52.0	6	24.0	4	16.0			1	4.0	2	8.0
ELLENSBURG	5	42.8	2	17.1	3	25.7						
KLICKITAT	10	59.9	4	24.0	1	6.0	1	6.0	1	6.0	3	18.0
LEWIS	40	70.8	19	33.6	7	12.4	3	5.3	1	1.8	10	17.7
CENTRALIA	12	101.6	5	42.3	4	33.9			1	8.5	2	16.9
LINCOLN	6	61.9	5	51.5	1	10.3						
MASON	10	28.7	4	11.5	1	2.9	1	2.9			4	11.5
OKANOGAN	13	41.0	7	22.1	2	6.3	1	3.2			3	9.5
PACIFIC	14	80.0	7	40.0	4	22.9	1	5.7			2	11.4
PEND OREILLE	2	22.0	1	11.0	1	11.0						
PIERCE	159	30.3	92	17.5	21	4.0	13	2.5	6	1.1	27	5.1
PUYALLUP	8	41.7	6	31.3							2	10.4
TACOMA	73	45.4	41	25.5	10	6.2	5	3.1	6	3.7	11	6.8
SAN JUAN	3	33.7					1	11.2			2	22.5
SKAGIT	27	39.6	8	11.7	6	8.8	1	1.5			12	17.6
MOUNT VERNON	5	35.2	2	14.1	1	7.0					2	14.1
SKAMANIA	3	38.0	3	38.0								
SNOHOMISH	129	34.6	58	15.5	20	5.4	11	2.9	8	2.1	32	8.6
EDMONDS	13	46.6	3	10.8	1	3.6	2	7.2	2	7.2	5	17.9
EVERETT	17	29.8	6	10.5	3	5.3	3	5.3	2	3.5	3	5.3
LYNNWOOD	11	47.0	5	21.4	2	8.5	1	4.3	1	4.3	2	8.5
MOUNTLAKE TERRACE	8	50.3	6	37.7	1	6.3					1	6.3
SPOKANE	129	36.4	56	15.8	23	6.5	9	2.5	7	2.0	34	9.6
SPOKANE (CITY)	79	45.9	35	20.3	15	8.7	6	3.5	4	2.3	19	11.0
STEVENS	17	56.5	9	29.9	1	3.3					7	23.3
THURSTON	32	22.9	18	12.9	4	2.9			2	1.4	8	5.7
LACEY	2	13.2	2	13.2								
OLYMPIA	13	45.5	7	24.5	3	10.5					3	10.5
WAHKIAKUM	2	54.1	2	54.1								
WALLA WALLA	25	51.7	12	24.8	3	6.2	3	6.2	5	10.3	2	4.1
WALLA WALLA (CITY)	14	54.6	8	31.2	2	7.8	2	7.8			2	7.8
WHATCOM	36	31.0	24	20.7	1	.9	1	.9	2	1.7	8	6.9
BELLINGHAM	18	38.8	12	25.9	1	2.2			2	4.3	3	6.5
WHITMAN	17	42.9	12	30.3	2	5.1	1	2.5			2	5.1
PULLMAN	5	22.2	5	22.2								
YAKIMA	89	48.8	46	25.2	16	8.8	7	3.8	4	2.2	16	8.8
YAKIMA (CITY)	30	60.6	11	22.2	8	16.2	2	4.0	1	2.0	8	16.2

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 9

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	SUICIDE		HOMICIDE		UNDETERMINED EXTERNAL INJURIES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	627	14.3	239	5.5	80	1.8
ADAMS	2	14.5	2	14.5	1	7.2
ASOTIN	4	23.5	1	5.9	1	5.9
BENTON	13	12.4	5	4.8		
KENNEWICK	4	10.8	4	10.8		
RICHLAND	5	16.3	1	3.2		
CHELAN	8	16.5	7	14.4		
WENATCHEE	6	34.5	4	23.0		
CLALLAM	7	13.3	1	1.9		
PORT ANGELES	3	17.4				
CLARK	22	10.8	12	5.9	6	2.9
VANCOUVER	6	14.0	3	7.0	3	7.0
COLUMBIA	1	24.4			1	24.4
COWLITZ	11	13.8	5	6.3		
KELSO	4	36.5	2	18.2		
LONGVIEW	4	13.2	2	6.6		
DOUGLAS	3	13.1			1	4.4
FERRY	1	16.4				
FRANKLIN	11	30.8	5	14.0	1	2.8
PASCO	7	37.4	5	26.7	1	5.3
GARFIELD						
GRANT	7	14.0	6	12.0	1	2.0
MOSES LAKE			1	9.6		
GRAYS HARBOR	11	17.2	3	4.7		
ABERDEEN	3	17.3	2	11.5		
ISLAND	6	12.2	1	2.0	1	2.0
OAK HARBOR	2	15.8				
JEFFERSON	4	22.9				
KING	194	14.4	86	6.4	38	2.8
AUBURN	3	10.0			1	3.3
BELLEVUE	12	14.9	4	4.9		
DES MOINES						
KENT	2	7.4	1	3.7		
KIRKLAND	2	10.4				
MERCER ISLAND	3	14.5				
REDMOND	4	14.2	1	3.5		
RENTON	3	8.8				
SEATTLE	94	19.1	60	12.2	20	4.0
KITSAP	18	10.7	2	1.2	1	.6
BREMERTON	3	7.9	2	5.2		
KITTITAS	5	20.0			2	8.0
ELLENSBURG	4	34.2				
KLICKITAT	2	12.0				
LEWIS	9	15.9	7	12.4	1	1.8
CENTRALIA	4	33.8	1	8.4		
LINCOLN						
MASON	10	28.7	1	2.9		
OKANOGAN	6	18.9	1	3.2		
PACIFIC	4	22.9				
PEND OREILLE	1	11.0				
PIERCE	81	15.4	39	7.4	16	3.0
PUYALLUP	3	15.6			1	5.2
TACOMA	39	24.2	13	8.0	8	4.9
SAN JUAN	3	33.7	4	44.9		
SKAGIT	12	17.6	3	4.4		
MOUNT VERNON	1	7.0				
SKAMANIA	2	25.3				
SNOHOMISH	52	13.9	11	2.9	3	.8
EDMONDS	2	7.1	1	3.5		
EVERETT	6	10.5	2	3.5		
LYNNWOOD	8	34.1	1	4.2		
MOUNTLAKE TERRACE	2	12.5	1	6.2	1	6.2
SPOKANE	51	14.4	13	3.7	3	.8
SPOKANE (CITY)	32	18.5	9	5.2	3	1.7
STEVENS	6	19.9	2	6.6		
THURSTON	17	12.2	1	.7	1	.7
LACEY	4	26.3				
OLYMPIA	7	24.5			1	3.5
WAHKIAKUM	1	27.0	1	27.0		
WALLA WALLA	3	6.2	2	4.1		
WALLA WALLA (CITY)	2	7.8	1	3.9		
WHATCOM	17	14.7	4	3.4		
BELLINGHAM	8	17.2	2	4.3		
WHITMAN	1	2.5				
PULLMAN						
YAKIMA	21	11.5	14	7.7	2	1.1
YAKIMA (CITY)	9	18.1	3	6.0	1	2.0

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 10

DEATHS WITH RATES(1) AND PERCENT(2) BY AGE GROUP AND SEX BY LEADING CAUSES, WASHINGTON STATE RESIDENTS 1985

	INTERNATIONAL LIST NUMBER	TOTAL			MALE			FEMALE		
		NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)
ALL AGES										
ALL CAUSES		34,475*	786.4	100.0	18,309	839.1	100.0	16,164	734.0	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	11,713	267.2	34.0	6,335	290.3	34.6	5,378	244.2	33.3
MALIGNANT NEOPLASMS	140-208,230-234	8,007	182.6	23.2	4,292	196.7	23.4	3,715	168.7	23.0
CEREBROVASCULAR DISEASE	430-438	2,709	61.8	7.9	1,056	48.4	5.8	1,853	75.1	10.2
ALL ACCIDENTS	E800-949	1,635	37.3	4.7	1,127	51.7	6.2	508	23.1	3.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	1,597	36.4	4.6	927	42.5	5.1	670	30.4	4.1
INFLUENZA AND PNEUMONIA	480-487	1,191	27.2	3.5	568	26.0	3.1	623	28.3	3.9
SUICIDE	E950-959	627	14.3	1.8	487	22.3	2.7	140	6.4	.9
DIABETES MELLITUS	250	621	14.2	1.8	266	12.2	1.5	355	16.1	2.2
DISEASES OF THE ARTERIES EXCEPT ARTERIOSCLEROTIC	441-444,446-448	456	10.4	1.3	276	12.6	1.5	180	8.2	1.1
CIRRHOSIS OF LIVER	571	442	10.1	1.3	274	12.6	1.5	168	7.6	1.0
ALL OTHER CAUSES		5,477	124.9	15.9	2,701	123.8	14.8	2,774	126.0	17.2
UNDER 1										
ALL CAUSES		747	1084.8	100.0	417	1181.3	100.0	329	980.3	100.0
SUDDEN INFANT DEATH SYNDROME	7980	197	286.1	26.4	122	345.6	29.3	75	223.5	22.8
CERTAIN CAUSES MORTALITY IN EARLY INFANCY	760-762,764-766, 770-779	197	286.1	26.4	104	294.6	24.9	93	277.1	28.3
CONGENITAL ANOMALIES	740-759	167	242.5	22.4	92	260.6	22.1	74	220.5	22.5
BIRTH INJURY, ETC.	763,767-769	102	148.1	13.7	58	164.3	13.9	44	131.1	13.4
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	12	17.4	1.6	6	17.0	1.4	6	17.9	1.8
ALL OTHER CAUSES		72	104.6	9.6	35	99.2	8.4	37	110.2	11.2
1 - 4										
ALL CAUSES		127	46.6	100.0	72	51.5	100.0	55	41.4	100.0
ALL ACCIDENTS	E800-949	54	19.8	42.5	34	24.3	47.2	20	15.0	36.4
CONGENITAL ANOMALIES	740-759	18	6.6	14.2	9	6.4	12.5	9	6.8	16.4
MALIGNANT NEOPLASMS	140-208,230-234	12	4.4	9.4	5	3.6	6.9	7	5.3	12.7
HOMICIDE	E960-969	5	1.8	3.9	4	2.9	5.6	1	.8	1.8
INFLUENZA AND PNEUMONIA	480-487	5	1.8	3.9	2	1.4	2.8	3	2.3	5.5
ALL OTHER CAUSES		33	12.1	26.0	18	12.9	25.0	15	11.3	27.3
5 - 14										
ALL CAUSES		188	30.9	100.0	120	38.6	100.0	68	22.8	100.0
ALL ACCIDENTS	E800-949	93	15.3	49.5	67	21.5	55.8	26	8.7	38.2
MALIGNANT NEOPLASMS	140-208,230-234	30	4.9	16.0	19	6.1	15.8	11	3.7	16.2
HOMICIDE	E960-969	10	1.6	5.3	8	2.6	6.7	2	.7	2.9
SUICIDE	E950-959	10	1.6	5.3	5	1.6	4.2	5	1.7	7.4
CONGENITAL ANOMALIES	740-759	10	1.6	5.3	4	1.3	3.3	6	2.0	8.8
ALL OTHER CAUSES		35	5.7	18.6	17	5.5	14.2	18	6.0	26.5
15 - 19										
ALL CAUSES		255	78.2	100.0	192	114.6	100.0	63	39.7	100.0
ALL ACCIDENTS	E800-949	141	43.2	55.3	108	64.5	56.3	33	20.8	52.4
SUICIDE	E950-959	34	10.4	13.3	30	17.9	15.6	4	2.5	6.3
MALIGNANT NEOPLASMS	140-208,230-234	23	7.1	9.0	16	9.6	8.3	7	4.4	11.1
HOMICIDE	E960-969	15	4.6	5.9	10	6.0	5.2	5	3.2	7.9
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	6	1.8	2.4	3	1.8	1.6	3	1.9	4.8
ALL OTHER CAUSES		36	11.0	14.1	25	14.9	13.0	11	6.9	17.5
20 - 24										
ALL CAUSES		346	93.6	100.0	268	140.1	100.0	78	43.8	100.0
ALL ACCIDENTS	E800-949	174	47.1	50.3	148	77.4	55.2	26	14.6	33.3
SUICIDE	E950-959	61	16.5	17.6	53	27.7	19.8	8	4.5	10.3
HOMICIDE	E960-969	40	10.8	11.6	30	15.7	11.2	10	5.6	12.8
MALIGNANT NEOPLASMS	140-208,230-234	27	7.3	7.8	17	8.9	6.3	10	5.6	12.8
CONGENITAL ANOMALIES	740-759	6	1.6	1.7	2	1.0	.7	4	2.2	5.1
ALL OTHER CAUSES		38	10.3	11.0	18	9.4	6.7	20	11.2	25.6
25 - 34										
ALL CAUSES		844	106.0	100.0	603	148.0	100.0	241	62.0	100.0
ALL ACCIDENTS	E800-949	295	37.1	35.0	230	56.4	38.1	65	16.7	27.0
SUICIDE	E950-959	146	18.3	17.3	111	27.2	18.4	35	9.0	14.5
MALIGNANT NEOPLASMS	140-208,230-234	109	13.7	12.9	64	15.7	10.6	45	11.6	18.7
HOMICIDE	E960-969	77	9.7	9.1	53	13.0	8.8	24	6.2	10.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	43	5.4	5.1	35	8.6	5.8	8	2.1	3.3
ALL OTHER CAUSES		174	21.9	20.6	110	27.0	18.2	64	16.5	26.6

TABLE 10 (CONT'D)

DEATHS WITH RATES(1) AND PERCENT(2) BY AGE GROUP AND SEX BY LEADING CAUSES, WASHINGTON STATE RESIDENTS 1985

	INTERNATIONAL LIST NUMBER	TOTAL			MALE			FEMALE		
		NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)	NUMBER	RATE	PERCENT(3)
35 - 44										
ALL CAUSES		1,056	163.8	100.0	683	209.3	100.0	373	117.2	100.0
MALIGNANT NEOPLASMS	140-208,230-234	262	40.6	24.8	107	32.8	15.7	155	48.7	41.6
ALL ACCIDENTS	E800-949	188	29.2	17.8	138	42.3	20.2	50	15.7	13.4
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	186	28.9	17.6	155	47.5	22.7	31	9.7	8.3
SUICIDE	E950-959	101	15.7	9.6	74	22.7	10.8	27	8.5	7.2
HOMICIDE	E960-969	38	5.9	3.6	25	7.7	3.7	13	4.1	3.5
ALL OTHER CAUSES		281	43.6	26.6	184	56.4	26.9	97	30.5	26.0
45 - 54										
ALL CAUSES		1,702	414.8	100.0	1,018	488.9	100.0	684	338.5	100.0
MALIGNANT NEOPLASMS	140-208,230-234	619	150.9	36.4	292	140.2	28.7	327	161.8	47.8
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	430	104.8	25.3	344	165.2	33.8	86	42.6	12.6
ALL ACCIDENTS	E800-949	125	30.5	7.3	90	43.2	8.8	35	17.3	5.1
SUICIDE	E950-959	76	18.5	4.5	54	25.9	5.3	22	10.9	3.2
CIRRHOSIS OF LIVER	571	76	18.5	4.5	39	18.7	3.8	37	18.3	5.4
ALL OTHER CAUSES		376	91.6	22.1	199	95.6	19.5	177	87.6	25.9
55 - 64										
ALL CAUSES		4,457	1144.2	100.0	2,751	1472.5	100.0	1,706	841.6	100.0
MALIGNANT NEOPLASMS	140-208,230-234	1,638	420.5	36.8	884	473.2	32.1	754	371.9	44.2
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	1,423	365.3	31.9	1,035	554.0	37.6	388	191.4	22.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	211	54.1	4.7	113	60.5	4.1	98	48.4	5.7
CEREBROVASCULAR DISEASE	430-438	190	48.8	4.3	110	58.9	4.0	80	39.5	4.7
ALL ACCIDENTS	E800-949	142	36.5	3.2	89	47.6	3.2	53	26.1	3.1
ALL OTHER CAUSES		853	219.0	19.1	520	278.3	18.9	333	164.3	19.5
65 - 74										
ALL CAUSES		8,017	2693.6	100.0	4,786	3527.3	100.0	3,230	1994.5	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	2,785	935.7	34.7	1,833	1350.9	38.3	952	587.9	29.5
MALIGNANT NEOPLASMS	140-208,230-234	2,533	851.1	31.6	1,445	1065.0	30.2	1,088	671.8	33.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	593	199.3	7.4	338	249.1	7.1	255	157.5	7.9
CEREBROVASCULAR DISEASE	430-438	493	165.6	6.1	253	186.5	5.3	240	148.2	7.4
DIABETES MELLITUS	250	161	54.1	2.0	81	59.7	1.7	80	49.4	2.5
ALL OTHER CAUSES		1,452	487.9	18.1	836	616.1	17.5	615	379.8	19.0
75 - 84										
ALL CAUSES		9,252	6183.4	100.0	4,804	8302.2	100.0	4,448	4847.3	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	3,551	2373.3	38.4	1,844	3186.8	38.4	1,707	1860.2	38.4
MALIGNANT NEOPLASMS	140-208,230-234	1,962	1311.3	21.2	1,087	1878.5	22.6	875	953.6	19.7
CEREBROVASCULAR DISEASE	430-438	914	610.9	9.9	385	665.4	8.0	529	576.5	11.9
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	543	362.9	5.9	328	566.9	6.8	215	234.3	4.8
INFLUENZA AND PNEUMONIA	480-487	373	249.3	4.0	212	366.4	4.4	161	175.5	3.6
ALL OTHER CAUSES		1,909	1275.8	20.6	948	1638.3	19.7	961	1047.3	21.6
85 AND OVER										
ALL CAUSES		7,482	15044.3	100.0	2,595	18149.4	100.0	4,887	13791.4	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	3,266	6567.1	43.7	1,076	7525.5	41.5	2,190	6180.3	44.8
CEREBROVASCULAR DISEASE	430-438	1,004	2018.8	13.4	254	1776.5	9.8	750	2116.6	15.3
MALIGNANT NEOPLASMS	140-208,230-234	791	1590.5	10.6	355	2482.9	13.7	436	1230.4	8.9
INFLUENZA AND PNEUMONIA	480-487	561	1128.0	7.5	205	1433.8	7.9	356	1004.7	7.3
ARTERIOSCLEROSIS	440	223	448.4	3.0	75	524.5	2.9	148	417.7	3.0
ALL OTHER CAUSES		1,637	3291.6	21.9	630	4406.2	24.3	1,007	2841.8	20.6
AGE UNKNOWN										
ALL CAUSES		2		100.0				2		100.0
CONGENITAL ANOMALIES	740-759	1		50.0				1		50.0
HOMICIDE	E960-969	1		50.0				1		50.0

*TOTAL INCLUDES 2 SEX(ES) UNKNOWN.

(1) RATE PER 100,000 POPULATION IN EACH AGE - SEX GROUP.
(2) PERCENT OF TOTAL DEATHS IN EACH AGE - SEX GROUP.
(3) DETAIL MAY NOT ADD UP TO 100 PERCENT DUE TO ROUNDING.

TABLE 11

DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE RESIDENTS 1985

	TOTAL		MALE		FEMALE		
CAUSE WITH INTERNATIONAL LIST NUMBER	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	UNKNOWN
TOTAL ALL CAUSES	[34,475]	[786.4]	[18,309]	[839.1]	[16,164]	[734.0]	[2]
INFECTIOUS AND PARASITIC DISEASES	[332]	[7.6]	[168]	[7.7]	[164]	[7.4]	
TUBERCULOSIS (010-018, 137)	26	.6	14	.6	12	.5	
SEPTICEMIA (038)	184	4.2	74	3.4	110	5.0	
OTHER (000-139)	122	2.8	80	3.7	42	1.9	
NEOPLASMS	[8,087]	[184.5]	[4,319]	[198.0]	[3,768]	[171.1]	
MALIGNANT NEOPLASMS (140-208,230-234)	8,007	182.6	4,292	196.7	3,715	168.7	
BENIGN AND UNSPECIFIED NEOPLASMS (210-229,235-239)	80	1.8	27	1.2	53	2.4	
ENDOCRINE, NUTRITIONAL, METABOLIC DISEASES, AND IMMUNITY DISORDERS	[858]	[19.6]	[390]	[17.9]	[468]	[21.3]	
DIABETES MELLITUS (250)	621	14.2	266	12.2	355	16.1	
NUTITIONAL DEFICIENCIES (260-269)	51	1.2	19	.9	32	1.5	
OTHER (240-279)	186	4.2	105	4.8	81	3.7	
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	[121]	[2.8]	[60]	[2.7]	[61]	[2.8]	
ANEMIA (280-285)	58	1.3	24	1.1	34	1.5	
OTHER (286-289)	63	1.4	36	1.6	27	1.2	
MENTAL DISORDERS	[418]	[9.5]	[184]	[8.4]	[234]	[10.6]	
ALCOHOL-RELATED (291,303,305)	83	1.9	63	2.9	20	.9	
OTHER (290-319)	335	7.6	121	5.5	214	9.7	
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	[704]	[16.1]	[361]	[16.5]	[343]	[15.6]	
PARKINSON'S DISEASE (332)	133	3.0	86	3.9	47	2.1	
AMYOTROPHIC LATERAL SCLEROSIS (335.2)	67	1.5	38	1.7	29	1.3	
OTHER HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM (330-337)	275	6.3	110	5.0	165	7.5	
MULTIPLE SCLEROSIS (340)	38	.9	16	.7	22	1.0	
OTHER (320-326,340-389)	191	4.4	111	5.1	80	3.6	
DISEASES OF THE CIRCULATORY SYSTEM	[15,510]	[353.8]	[7,944]	[364.1]	[7,566]	[343.6]	
DISEASES OF THE HEART (391-392.0,393-398,402,404, 410-417,420-429)							
CHRONIC RHEUMATIC HEART DISEASE (391-392.0,393-398)	134	3.1	39	1.8	95	4.3	
HYPERTENSIVE HEART DISEASE (402)	273	6.2	115	5.3	158	7.2	
HYPERTENSIVE HEART AND RENAL DISEASE (404)	31	.7	15	.7	16	.7	
ACUTE ISCHEMIC HEART DISEASE (410,411)	3,667	83.6	2,163	99.1	1,504	68.3	
CHRONIC ISCHEMIC HEART DISEASE (412-414)	4,089	93.3	2,238	102.6	1,851	84.1	
OTHER HEART DISEASE (415-417,420-429)	3,519	80.3	1,765	80.9	1,754	79.6	
HYPERTENSIVE DISEASE (401-403)	120	2.7	54	2.5	66	3.0	
CEREBROVASCULAR DISEASE (430-438)	2,709	61.8	1,056	48.4	1,653	75.1	
ARTERIOSCLEROSIS (440)	429	9.8	185	8.5	244	11.1	
OTHER (390-459)	539	12.3	314	14.4	225	10.2	
DISEASES OF THE RESPIRATORY SYSTEM	[3,142]	[71.7]	[1,673]	[76.7]	[1,468]	[66.7]	[1]
CHRONIC AND UNQUALIFIED BRONCHITIS (490-491)	63	1.4	31	1.4	32	1.5	
EMPHYSEMA (492)	301	6.9	186	8.5	115	5.2	
ASTHMA (493)	74	1.7	24	1.1	50	2.3	
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES (494-496)	1,159	26.4	686	31.4	473	21.5	
PNEUMONIA (480-486)	1,096	25.0	531	24.3	565	25.7	
INFLUENZA (488)	95	2.2	37	1.7	58	2.6	
OTHER (460-478,500-519)	354	8.1	178	8.2	175	7.9	1

(1) RATES PER 100.000 ESTIMATED POPULATION

TABLE 11 (CONT'D)

DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE RESIDENTS 1985

CAUSE WITH INTERNATIONAL LIST NUMBER	TOTAL		MALE		FEMALE		UNKNOWN
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	
DISEASES OF THE DIGESTIVE SYSTEM	[1,232]	[28.1]	[618]	[28.3]	[614]	[27.9]	
ULCER OF STOMACH AND DUODENUM (531-533)	118	2.7	53	2.4	65	3.0	
HERNIA AND INTESTINAL OBSTRUCTION (550-553,560)	80	1.8	34	1.6	46	2.1	
CIRRHOSIS OF THE LIVER (571)	442	10.1	274	12.6	168	7.6	
CHOLELITHIASIS, CHOLECYSTITIS, AND CHOLANGITIS (574-576)	67	1.5	28	1.3	39	1.8	
OTHER (520-579)	525	12.0	229	10.5	296	13.4	
DISEASES OF THE GENITOURINARY SYSTEM	[461]	[10.5]	[237]	[10.9]	[224]	[10.2]	
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	279	6.4	146	6.7	133	6.0	
OTHER (590-629)	182	4.2	91	4.2	91	4.1	
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-676)	[5]	[.1]			[5]	[.2]	
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (680-709)	[28]	[.6]	[5]	[.2]	[23]	[1.0]	
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (710-739)	[126]	[2.9]	[38]	[1.7]	[88]	[4.0]	
CONGENITAL ANOMALIES (740-759)	[269]	[6.1]	[144]	[6.6]	[124]	[5.6]	[1]
BIRTH INJURIES, DIFFICULT LABOR, AND OTHER ANOXIC AND HYPOXIC CONDITIONS (763,767-769)	[106]	[2.4]	[59]	[2.7]	[47]	[2.1]	
OTHER CAUSES OF MORTALITY IN EARLY INFANCY (760-762,764-766,770-779)	[198]	[4.5]	[104]	[4.8]	[94]	[4.3]	
SYMPTOMS, SIGNS, AND OTHER ILL-DEFINED CONDITIONS	[294]	[6.7]	[161]	[7.4]	[133]	[6.0]	
SUDDEN INFANT DEATH SYNDROME (798.0-798.1)	203	4.6	124	5.7	79	3.6	
OTHER (780-799)	91	2.1	37	1.7	54	2.5	
ACCIDENTS	[1,635]	[37.3]	[1,127]	[51.7]	[508]	[23.1]	
MOTOR VEHICLE (E81C-825,E9290)	805	18.4	553	25.3	252	11.4	
WATER TRANSPORT (E830-838)	28	.6	26	1.2	2	.1	
AIR AND SPACE TRANSPORT (E840-845)	45	1.0	38	1.7	7	.3	
ACCIDENTAL POISONING (E850-869,E9292)	104	2.4	72	3.3	32	1.5	
FALLS (E880-888, E9293)	252	5.7	145	6.6	107	4.9	
FIRE (E890-899,E9294)	69	1.6	43	2.0	26	1.2	
ACCIDENTAL DROWNING (E910)	98	2.2	78	3.6	20	.9	
OTHER (E800-949)	234	5.3	172	7.9	62	2.8	
SUICIDE	[627]	[14.3]	[487]	[22.3]	[140]	[6.4]	
FIREARMS AND EXPLOSIVES (E955)	342	7.8	293	13.4	49	2.2	
OTHER (E950-954,E956-959)	285	6.5	194	8.9	91	4.1	
HOMICIDE	[239]	[5.5]	[163]	[7.5]	[76]	[3.5]	
FIREARMS AND EXPLOSIVES (E965)	134	3.1	95	4.4	39	1.8	
OTHER (E960-964,E966-969)	105	2.4	68	3.1	37	1.7	
LEGAL INTERVENTION (E979-978)	[3]	[.1]	[3]	[.1]			
UNDETERMINED EXTERNAL INJURIES (E980-989)	[80]	[1.8]	[64]	[2.9]	[16]	[.7]	

(1) RATES PER 100,000 ESTIMATED POPULATION

TABLE 12

DEATHS DUE TO MALIGNANT NEOPLASM BY PRIMARY SITE WITH RATES(1) BY SEX, WASHINGTON STATE RESIDENTS 1985

CAUSE WITH INTERNATIONAL LIST NUMBER	TOTAL		MALE		FEMALE		UNKNOWN
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	
TOTAL ALL CAUSES	[8,007]	[182.6]	[4,292]	[196.7]	[3,715]	[168.7]	
LIP, ORAL CAVITY, AND PHARYNX (140-149,230.0)	[135]	[3.1]	[86]	[3.9]	[49]	[2.2]	
DIGESTIVE ORGANS AND PERITONEUM (150-159,230.1-230.9)	[2,005]	[45.7]	[1,065]	[48.8]	[940]	[42.7]	
ESOPHAGUS (150,230.1)	152	3.5	109	5.0	43	2.0	
STOMACH (151,230.2)	259	5.9	153	7.0	106	4.8	
SMALL INTESTINE, INCLUDING DUODENUM (152)	18	.4	8	.4	10	.5	
COLON (153,230.3)	769	17.5	404	18.5	365	16.6	
RECTUM (154,230.4-230.6)	142	3.2	75	3.4	67	3.0	
LIVER AND INTRAHEPATIC DUCTS (155,230.8)	110	2.5	69	3.2	41	1.9	
GALLBLADDER AND EXTRAHEPATIC BILE DUCTS (156)	66	1.5	30	1.4	36	1.6	
PANCREAS (157)	416	9.5	186	8.5	230	10.4	
RETROPERITONEUM AND PERITONEUM (158)	14	.3	7	.3	7	.3	
OTHER AND ILL-DEFINED SITES (159,230.7,230.9)	59	1.3	24	1.1	35	1.6	
RESPIRATORY AND INTRATHORACIC ORGANS (160-165,231)	[2,295]	[52.3]	[1,533]	[70.3]	[762]	[34.6]	
LUNG (162,231.1,231.2)	2,215	50.5	1,473	67.5	742	33.7	
OTHER AND ILL-DEFINED SITES (160-161,163-165 231.0,231.8,231.9)	80	1.8	60	2.7	20	.9	
BONE, CONNECTIVE TISSUE, SKIN AND BREAST (170-175, 232,233.0)	[877]	[20.0]	[113]	[5.2]	[764]	[34.7]	
BONE AND ARTICULAR CARTILAGE (170)	15	.3	11	.5	4	.2	
CONNECTIVE TISSUE AND OTHER SOFT TISSUE (171)	42	1.0	16	.7	26	1.2	
SKIN (172-173,232)	131	3.0	80	3.7	51	2.3	
BREAST (174,175,233.0)	689	15.7	6	.3	683	31.0	
GENITAL ORGANS (179-187,233.1-233.6)	[939]	[21.4]	[531]	[24.3]	[408]	[18.5]	
URINARY ORGANS (188-189,233.7-233.9)	[332]	[7.6]	[221]	[10.1]	[111]	[5.0]	
BRAIN (191)	[195]	[4.4]	[107]	[4.9]	[88]	[4.0]	
OTHER AND ILL-DEFINED SITES (190,192-199,234)	[450]	[10.3]	[216]	[9.9]	[234]	[10.6]	
LYMPHATIC AND HEMATOPOIETIC TISSUE (200-208)	[779]	[17.8]	[420]	[19.2]	[359]	[16.3]	
LYMPHOSARCOMA (200)	155	3.5	77	3.5	78	3.5	
HODGKINS DISEASE (201)	46	1.0	28	1.3	18	.8	
LYMPHOID AND HISTIOCYTIC TISSUE (202)	162	3.7	88	4.0	74	3.4	
MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE TISSUE (203)	142	3.2	69	3.2	73	3.3	
LYMPHOID LEUKEMIA (204)	92	2.1	53	2.4	39	1.8	
MYELOID LEUKEMIA (205)	123	2.8	64	2.9	59	2.7	
MONOCYTIC LEUKEMIA (206)	5	.1	3	.1	2	.1	
OTHER AND UNSPECIFIED LEUKEMIA (207-208)	54	1.2	38	1.7	16	.7	

(1) RATES PER 100,000 ESTIMATED POPULATION
(2) GROUP TOTALS ARE SHOWN IN BRACKETS

TABLE 13

RESIDENCE DEATHS BY NON-TRANSPORT CAUSES, BY PLACE OF ACCIDENT, WASHINGTON STATE 1985*

CAUSE OF DEATH	TOTAL	HOME	NURSING HOME	AGRICULTURE	INDUSTRY	PUBLIC	UNKNOWN
STATE TOTAL	727	333	66	24	34	214	56
POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS (E850-E858)	79	59	1		1	14	4
POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES AND VAPORS (E860-E869)	25	17		1		5	2
MISADVENTURES AND ABNORMAL REACTIONS DUE TO SURGICAL AND MEDICAL CARE (E870-E879)	8					5	3
FALLS (E880-E888)	246	105	51	1	8	64	17
FALLS ON STAIRS AND LADDERS (E880-E881)	27	18	2		3	3	1
FALLS FROM ONE LEVEL TO ANOTHER (E882-E884)	49	15	3	1	4	24	2
FALLS ON SAME LEVEL (E885-E886)	18	8	4			6	
OTHER AND UNSPECIFIED FALLS (E887-E888)	152	64	42		1	31	14
FIRE (E890-E899)	69	64				5	
NATURAL AND ENVIRONMENTAL FACTORS (E900-E909)	23	10				11	2
DROWNING, EXCLUDING SUBMERSION FOLLOWING BOATING ACCIDENTS (E910)	98	20	1			73	4
INHALATION AND INGESTION OF FOOD OR OTHER OBJECT CAUSING SUFFOCATION AND OBSTRUCTION (E911,E912)	36	8	6			9	13
MECHANICAL SUFFOCATION (E913)	15	8	1		2	3	1
FOREIGN BODY ENTERING OTHER ORIFICE (E914-E915)	1					1	
STRUCK BY, AGAINST OR BETWEEN OBJECTS (E916-E918)	35	9		10	4	12	
MACHINERY (E919-E920)	28	9	1	9	8	1	
EXPLOSION AND EXPLOSIVE MATERIAL (E921,E923)	10	2			7	1	
FIREARMS (E922)	16	13				2	1
HOT SUBSTANCE, CORROSIVE LIQUID AND STEAM (E924)							
ELECTRICITY (E925)	10	3		2	3	2	
OTHER AND UNSPECIFIED NON-TRANSPORT ACCIDENTS (E926-E949)	28	6	5	1	1	6	9

TABLE 14

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1985

COUNTY AND CITY	ALL ACCIDENTS NUMBER	ALL ACCIDENTS RATE	MOTOR VEHICLE NUMBER	MOTOR VEHICLE RATE	FALLS NUMBER	FALLS RATE	DROWNINGS NUMBER	DROWNINGS RATE	FIRES NUMBER	FIRES RATE	ALL OTHER ACCIDENTS NUMBER	ALL OTHER ACCIDENTS RATE
STATE TOTAL	1,621	37.0	795	18.1	251	5.7	119	2.7	69	1.6	387	8.8
ADAMS	11	79.7	8	58.0	1	7.2			2	14.5		
ASOTIN	7	41.2	3	17.6	1	5.9			2	11.8	1	5.9
BENTON	34	32.3	20	19.0	2	1.9	2	1.9	1	1.0	9	8.6
KENNEWICK	14	37.8	10	27.0	1	2.7					3	8.1
RICHLAND	11	36.1	6	19.7	1	3.3	2	6.6			2	6.6
CHELAN	43	88.7	25	51.5	8	16.5	3	6.2			7	14.4
WENATCHEE	20	115.2	13	74.9	5	28.8					2	11.5
CLALLAM	30	57.0	13	24.7	7	13.3	4	7.6			6	11.4
PORT ANGELES	10	58.1	5	29.1	3	17.4					2	11.6
CLARK	56	27.5	36	17.7	6	2.9	3	1.5	2	1.0	9	4.4
VANCOUVER	44	102.9	31	72.5	5	11.7	1	2.3			7	16.4
COLUMBIA												
COWLITZ	31	38.9	17	21.4	7	8.8	1	1.3			6	7.5
KELSO	2	18.3	2	18.3								
LONGVIEW	19	62.7	8	26.4	7	23.1					4	13.2
DOUGLAS	4	17.5	2	8.7					1	4.4	1	4.4
FERRY	1	16.4									1	16.4
FRANKLIN	25	70.0	16	44.8	2	5.6	2	5.6	2	5.6	3	8.4
PASCO	13	69.5	6	32.1	2	10.7			2	10.7	3	16.0
GARFIELD	2	80.0	1	40.0							1	40.0
GRANT	21	42.1	10	20.0	1	2.0	3	6.0			7	14.0
MOSES LAKE	10	96.4	6	57.9	1	9.6	1	9.6			2	19.3
GRAYS HARBOR	29	45.4	16	25.0	2	3.1	4	6.3			7	11.0
ABERDEEN	16	92.8	11	63.8	1	5.8	1	5.8			3	17.4
ISLAND	19	38.6	7	14.2	1	2.0	5	10.2	3	6.1	3	6.1
OAK HARBOR	2	15.9					1	7.9			1	7.9
JEFFERSON	14	80.0	4	22.9			1	5.7			9	51.4
KING	458	34.0	193	14.3	88	6.5	28	2.1	22	1.6	127	9.4
AUBURN	7	23.4	2	6.7			1	3.3			4	13.4
BELLEVUE	19	23.7	11	13.7	2	2.5	2	2.5			4	5.0
DES MOINES	3	22.2	1	7.4							2	14.8
KENT	10	37.1	5	18.5	1	3.7			1	3.7	3	11.1
KIRKLAND	13	67.7	8	41.7	3	15.6					2	10.4
MERCER ISLAND	1	4.8					1	4.8				
REDMOND	13	46.2	4	14.2	3	10.7			1	3.6	5	17.8
RENTON	21	61.7	14	41.1	3	8.8			1	2.9	3	8.8
SEATTLE	310	63.1	115	23.4	69	14.0	16	3.3	16	3.3	94	19.1
KITSAP	34	20.3	18	10.7	3	1.8	2	1.2	3	1.8	8	4.8
BREMERTON	24	63.6	11	29.1	1	2.6	2	5.3	3	7.9	7	18.5
KITTITAS	19	76.0	12	48.0	3	12.0			1	4.0	3	12.0
ELLENSBURG	10	85.7	6	51.4	2	17.1					2	17.1
KLICKITAT	6	35.9	1	6.0	1	6.0	1	6.0	1	6.0	2	12.0
LEWIS	38	67.3	21	37.2	6	10.6	2	3.5	1	1.8	8	14.2
CENTRALIA	13	110.1	4	33.9	6	50.8			1	8.5	2	16.9
LINCOLN	7	72.2	5	51.5	1	10.3					1	10.3
MASON	7	20.1	4	11.5			1	2.9			2	5.7
OKANOGAN	12	37.9	4	12.6	2	6.3	2	6.3			4	12.6
PACIFIC	17	97.1	9	51.4	2	11.4	4	22.9			2	11.4
PEND OREILLE	4	44.0	1	11.0	1	11.0	2	22.0				
PIERCE	141	26.9	80	15.2	21	4.0	12	2.3	3	.6	25	4.8
PUYALLUP	19	99.1	15	78.2	4	20.9						
TACOMA	91	56.6	50	31.1	15	9.3	5	3.1	3	1.9	18	11.2
SAN JUAN	6	67.4					3	33.7			3	33.7
SKAGIT	35	51.3	13	19.1	6	8.8	3	4.4			13	19.1
MOUNT VERNON	9	63.3	6	42.2	2	14.1	1	7.0				
SKAMANIA	6	75.9	2	25.3			1	12.7			3	38.0
SNOHOMISH	113	30.3	59	15.8	14	3.8	9	2.4	8	2.1	23	6.2
EDMONDS	24	86.1	15	53.8	2	7.2	1	3.6	2	7.2	4	14.3
EVERETT	35	61.4	17	29.8	5	8.8	3	5.3	4	7.0	6	10.5
LYNNWOOD	6	25.6	1	4.3			1	4.3	1	4.3	3	12.8
MOUNTLAKE TERRACE												
SPOKANE	155	43.7	66	18.6	29	8.2	10	2.8	7	2.0	43	12.1
SPOKANE (CITY)	146	84.8	62	36.0	29	16.9	10	5.8	7	4.1	38	22.1
STEVENS	22	73.1	12	39.9	2	6.6					8	26.6
THURSTON	38	27.2	23	16.5	6	4.3			1	.7	8	5.7
LACEY	2	13.2	2	13.2								
OLYMPIA	29	101.5	16	56.0	6	21.0					7	24.5
WAHKIAKUM	2	54.1					2	54.1				
WALLA WALLA	34	70.2	19	39.3	6	12.4	2	4.1	5	10.3	2	4.1
WALLA WALLA (CITY)	25	97.5	15	58.5	5	19.5	2	7.8	1	3.9	2	7.8
WHATCOM	35	30.2	19	16.4	6	5.2	1	.9	2	1.7	7	6.0
BELLINGHAM	26	56.1	15	32.4	4	8.6			2	4.3	5	10.8
WHITMAN	16	40.4	14	35.4			1	2.5			1	2.5
PULLMAN	3	13.3	3	13.3								
YAKIMA	89	48.8	42	23.0	16	8.8	5	2.7	2	1.1	24	13.2
YAKIMA (CITY)	54	109.1	18	36.4	14	28.3	3	6.1	1	2.0	18	36.4

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 15

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1985

COUNTY AND CITY	SUICIDE		HOMICIDE		UNDETERMINED EXTERNAL INJURIES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	621	14.2	232	5.3	74	1.7
ADAMS	2	14.5	1	7.2	1	7.2
ASOTIN	2	11.8			1	5.9
BENTON	15	14.3	6	5.7		
KENNEWICK	6	16.2	4	10.8		
RICHLAND	7	22.9	2	6.6		
CHELAN	9	18.6	8	16.5		
WENATCHEE	7	40.3	5	28.8		
CLALLAM	7	13.3	1	1.9		
PORT ANGELES	5	29.1				
CLARK	24	11.8	6	2.9	5	2.5
VANCOUVER	20	46.8	4	9.4	5	11.7
COLUMBIA	1	24.4			1	24.4
COWLITZ	9	11.3	6	7.5		
KELSO	2	18.3				
LONGVIEW	4	13.2	3	9.9		
DOUGLAS	3	13.1				
FERRY	1	16.4				
FRANKLIN	6	16.8	4	11.2	1	2.8
PASCO	6	32.1	4	21.4	1	5.3
GARFIELD						
GRANT	6	12.0	8	16.0		
MOSES LAKE	2	19.3	2	19.3		
GRAYS HARBOR	11	17.2	3	4.7		
ABERDEEN	2	11.6	2	11.6		
ISLAND	4	8.1	1	2.0	1	2.0
OAK HARBOR	2	15.9				
JEFFERSON	7	40.0				
KING	194	14.4	85	6.3	34	2.5
AUBURN	6	20.1	2	6.7	1	3.3
BELLEVUE	11	13.7	4	5.0	1	1.2
DES MOINES					1	7.4
KENT	9	33.4				
KIRKLAND	7	36.4	1	5.2		
MERCER ISLAND	1	4.8				
REDMOND	4	14.2				
RENTON	9	26.4			1	2.9
SEATTLE	123	25.0	69	14.0	26	5.3
KITSAP	14	8.3	3	1.8	2	1.2
BREMERTON	8	21.2	3	7.9	1	2.6
KITTITAS	5	20.0			3	12.0
ELLENSBURG	3	25.7			1	8.6
KLICKITAT	2	12.0				
LEWIS	8	14.2	6	10.6		
CENTRALIA	1	8.5	1	8.5		
LINCOLN						
MASON	10	28.7	1	2.9		
OKANOGAN	6	18.9	1	3.2	1	3.2
PACIFIC	4	22.9				
PEND OREILLE	2	22.0				
PIERCE	79	15.1	40	7.6	16	3.0
PUYALLUP	7	36.5	3	15.6	1	5.2
TACOMA	54	33.6	20	12.4	12	7.5
SAN JUAN	3	33.7	3	33.7		
SKAGIT	10	14.7	3	4.4		
MOUNT VERNON	3	21.1				
SKAMANIA	1	12.7				
SNOHOMISH	53	14.2	9	2.4	2	.5
EDMONDS	3	10.8	1	3.6		
EVERETT	14	24.5	3	5.3	1	1.8
LYNNWOOD	5	21.4				
MOUNTLAKE TERRACE	3	18.9				
SPOKANE	51	14.4	14	4.0	3	.8
SPOKANE (CITY)	43	25.0	14	8.1	3	1.7
STEVENS	8	26.6	2	6.6		
THURSTON	18	12.9	1	.7	1	.7
LACEY	4	26.3				
OLYMPIA	12	42.0	1	3.5	1	3.5
WAHKIAKUM	1	27.0	1	27.0		
WALLA WALLA	4	8.3	2	4.1		
WALLA WALLA (CITY)	3	11.7	1	3.9		
WHATCOM	18	15.5	4	3.4		
BELLINGHAM	13	28.0	3	6.5		
WHITMAN	3	7.6				
PULLMAN	1	4.4				
YAKIMA	20	11.0	13	7.1	2	1.1
YAKIMA (CITY)	12	24.2	3	6.1		

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 16

DEATHS BY TYPE OF PLACE BY PLACE OF OCCURRENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	GENERAL HOSPITAL	NURSING HOME	HOME	FEDERAL FACILITY	PSYCHIATRIC HOSPITAL	STATE FACILITY	DEAD ON ARRIVAL	OTHER AND NOT SPECIFIED
STATE TOTAL	34,574	15,758	8,588	7,564	1,080	29	5	57	1,493
ADAMS	100	39	31	23					7
ASOTIN	148	44	54	43					7
BENTON	641	309	160	135				1	36
KENNEWICK	269	111	74	66					18
RICHLAND	284	170	59	47				1	7
CHELAN	621	326	173	84				3	35
WENATCHEE	443	287	100	49					7
CLALLAM	492	185	167	106				3	31
PORT ANGELES	306	173	69	53				3	8
CLARK	1,337	565	335	326	68			2	41
VANCOUVER	1,140	565	246	230	68			1	30
COLUMBIA	47	19	16	11					1
COWLITZ	708	319	216	117					56
KELSO	41		6	32					3
LONGVIEW	600	318	191	55					36
DOUGLAS	63		27	32					4
FERRY	20	11	2	6					1
FRANKLIN	195	100	18	58				1	18
PASCO	175	100	18	50				1	6
GARFIELD	19	7	6	5					1
GRANT	319	169	69	61				1	19
MOSES LAKE	151	79	40	25					7
GRAYS HARBOR	604	248	197	133				2	24
ABERDEEN	391	220	108	57					6
ISLAND	267	64	54	125	8				16
OAK HARBOR	64	3	18	38					5
JEFFERSON	129	44	31	39					15
KING	11,145	5,559	2,424	2,443	254			9	456
AUBURN	303	166	65	59				2	11
BELLEVUE	537	307	72	141					17
DES MOINES	179		161	13					5
KENT	112		3	89					20
KIRKLAND	373	165	128	69					11
MERCER ISLAND	113		71	38					4
REDMOND	287	163	66	44					14
RENTON	566	317	129	95					25
SEATTLE	7,913	4,367	1,407	1,621	254			7	257
KITSAP	1,022	354	302	245	52			7	62
BREMERTON	641	354	151	115				6	15
KITTITAS	221	73	84	41				1	22
ELLENSBURG	168	73	66	23					6
KLICKITAT	97	44	20	29					4
LEWIS	540	255	149	107				3	26
CENTRALIA	292	125	134	28				2	3
LINCOLN	88	37	29	14				1	7
MASON	222	86	54	66			1	1	14
OKANOGAN	252	117	55	68					12
PACIFIC	195	74	71	33				2	15
[illegible]ND OREILLE	74	32	15	22					5
PIERCE	4,102	1,737	950	871	421	14		5	104
PUYALLUP	622	290	214	107				1	10
TACOMA	2,848	1,445	682	536	124	6		4	51
SAN JUAN	54		14	29					11
SKAGIT	708	341	183	137				2	45
MOUNT VERNON	271	151	68	43				2	7
SKAMANIA	25			13				3	9
SNOHOMISH	2,271	936	583	650				2	100
EDMONDS	426	248	92	79					7
EVERETT	993	578	183	210				2	20
LYNNWOOD	108		36	63					9
MOUNTLAKE TERRACE	19			18					1
SPOKANE	3,475	1,781	836	527	199	15	2	3	112
SPOKANE (CITY)	3,263	1,764	744	469	194			2	90
STEVENS	170	48	49	51					22
THURSTON	932	456	228	224					24
LACEY	124	1	82	38					3
OLYMPIA	706	455	107	132					12
WAHKIAKUM	27		11	12				1	3
WALLA WALLA	632	264	192	84	78		1	1	12
WALLA WALLA (CITY)	547	264	140	56	78		1		8
WHATCOM	863	283	305	239					36
BELLINGHAM	682	282	241	142					17
WHITMAN	177	72	47	44				2	12
PULLMAN	66	35	14	17					
YAKIMA	1,572	760	431	311			1	1	68
YAKIMA (CITY)	1,116	618	302	175					21

TABLE 17

DEATHS BY MONTH BY SELECTED CAUSES, WASHINGTON STATE OCCURRENCES 1985

CAUSE OF DEATH AND INTERNATIONAL LIST NUMBER	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL ALL CAUSES	34,574	3,132	2,966	3,080	2,899	2,933	2,631	2,855	2,641	2,619	2,984	2,760	3,074
INFECTIOUS AND PARASITIC DISEASES (001-139)	343	27	27	37	32	19	14	28	29	29	39	34	28
PNEUMONIA (480-487)	1,095	114	132	96	99	76	86	74	63	64	92	85	114
INFLUENZA (487)	94	12	49	12	3	1					3	5	9
BRONCHITIS (490-491)	64	6	13	8	7	1	4	6	4	2	5	4	4
EMPHYSEMA (492)	300	35	30	31	30	29	18	23	19	20	30	17	18
ASTHMA (493)	75	12	5	9	6	3	7	4	6	7	7	4	5
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES (494-496)	1,177	126	117	132	109	111	77	84	76	71	104	82	88
CONGENITAL ANOMALIES (740-759)	274	29	14	26	26	14	23	20	27	18	34	23	20
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY (760-799)	311	14	29	32	30	28	20	21	25	29	26	29	28
MOTORCYCLE ACCIDENTS (E810-E825)	85	2	3	1	12	15	13	19	6	2	10	1	1
OTHER MOTOR VEHICLE ACCIDENTS (E810-E825)	706	37	50	58	51	70	57	69	61	75	56	58	64
DROWNINGS RESULTING FROM BOATING ACCIDENT (E830-E832)	29			1	1	2	7	5	7	1	5		
OTHER DROWNINGS (E910)	90	3	1	1	3	8	15	26	14	5	6	3	5
FALLS (E880-E888)	244	19	25	16	18	26	27	20	14	16	18	23	22
FIRE (E890-E899)	69	12	8	7	4	7	2	5	2	3	2	11	6
OTHER ACCIDENTS (E800-E928)	231	17	10	19	14	16	19	19	25	33	14	31	14
SUICIDE (E950-E959)	621	58	47	62	44	56	37	61	44	37	55	55	65
HOMICIDE (E960-E969)	232	17	15	22	18	15	17	24	24	20	30	15	15

TABLE 18

INFANT MORTALITY BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA-NESE	CHI-NESE	FILI-PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTAL	747	658	40	7	20	3	1	3	15		
ADAMS	1	1									
ASOTIN	6	5			1						
BENTON	20	18		2							
KENNEWICK	13	11		2							
RICHLAND	2	2									
CHELAN	12	12									
WENATCHEE	3	3									
CLALLAM	9	9									
PORT ANGELES	3	3									
CLARK	25	24							1		
VANCOUVER	10	10									
COLUMBIA											
COWLITZ	9	9									
KELSO	2	2									
LONGVIEW	2	2									
DOUGLAS	4	4									
FERRY											
FRANKLIN	11	8	1	2							
PASCO	7	5	1	1							
GARFIELD											
GRANT	15	13	2								
MOSES LAKE	4	2	2								
GRAYS HARBOR	14	12			2						
ABERDEEN	3	3									
ISLAND	9	9									
OAK HARBOR	5	5									
JEFFERSON	2	2									
KING	197	162	19	1	2	2		1	10		
AUBURN	8	8									
BELLEVUE	7	6							1		
DES MOINES	2	2									
KENT	10	10									
KIRKLAND	5	5									
REDMOND	6	6									
RENTON	10	9							1		
SEATTLE	75	47	19			2		1	6		
KITSAP	31	28	1		1			1			
BREMERTON	12	10	1					1			
KITTITAS	2	1							1		
ELLENSBURG	2	1							1		
KLICKITAT	5	5									
LEWIS	8	8									
CENTRALIA	1	1									
LINCOLN	1	1									
MASON	6	5			1						
OKANOGAN	9	4			5						
PACIFIC	4	4									
PEND OREILLE	2	1			1						
PIERCE	123	105	16					1	1		
PUYALLUP	7	7									
TACOMA	42	33	9								
SAN JUAN											
SKAGIT	11	11									
MOUNT VERNON	5	5									
SKAMANIA	2	2									
SNOHOMISH	72	71					1				
EDMONDS	4	4									
EVERETT	21	21									
LYNNWOOD	6	6									
MOUNTLAKE TERRACE	3	3									
SPOKANE	56	54	1			1					
SPOKANE (CITY)	31	29	1			1					
STEVENS	6	4			2						
THURSTON	17	16							1		
LACEY	4	3							1		
OLYMPIA	5	5									
WAHKIAKUM											
WALLA WALLA	6	6									
WALLA WALLA (CITY)	6	6									
WHATCOM	12	10			2						
BELLINGHAM	5	4			1						
WHITMAN	6	5							1		
PULLMAN	4	3							1		
YAKIMA	34	29		2	3						
YAKIMA (CITY)	14	13		1							

TABLE 19

INFANT MORTALITY BY LEADING CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	TOTAL ALL CAUSES	BIRTH INJURIES	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	CONGENITAL MALFORMATIONS	INFLUENZA AND PNEUMONIA	ALL ACCIDENTS	SUDDEN INFANT DEATH	ALL OTHER CAUSES
STATE TOTAL	747	102	197	167	8	10	197	66
ADAMS	1						1	
ASOTIN	6	1	2	1			2	
BENTON	20	3	6	7			3	1
KENNEWICK	13	1	4	4			3	1
RICHLAND	2		1	1				
CHELAN	12	2	4	4		1	1	
WENATCHEE	3	1		1			1	
CLALLAM	9	2	1	1			1	4
PORT ANGELES	3			1				2
CLARK	25	2	3	10			8	2
VANCOUVER	10	1	3	1			5	
COLUMBIA								
COWLITZ	9	1	2	2			4	
KELSO	2						2	
LONGVIEW	2		1				1	
DOUGLAS	4			1			2	1
FERRY								
FRANKLIN	11	1	4	4			2	
PASCO	7	1	4	2				
GARFIELD								
GRANT	15		7	3	1		3	1
MOSES LAKE	4		3	1				
GRAYS HARBOR	14	3	2	1		1	6	1
ABERDEEN	3	1					1	1
ISLAND	9	1	1	1			3	3
OAK HARBOR	5	1	1				2	1
JEFFERSON	2			1			1	
KING	197	25	53	46		1	53	19
AUBURN	8		1	4			1	2
BELLEVUE	7	1	1	1			3	1
DES MOINES	2			2				
KENT	10	1	6	1			1	1
KIRKLAND	5		3	1			1	
REDMOND	6		1	2			3	
RENTON	10	2	1	1			4	2
SEATTLE	75	14	21	14			19	7
KITSAP	31	6	12	5		1	5	2
BREMERTON	12	3	4	1		1	3	
KITTITAS	2	1					1	
ELLENSBURG	2	1					1	
KLICKITAT	5	1	2				1	1
LEWIS	8	2	1	2			2	1
CENTRALIA	1	1						
LINCOLN	1						1	
MASON	6	1	1	2			2	
OKANOGAN	9	2	1	2		1	2	1
PACIFIC	4			1			3	
PEND OREILLE	2		1				1	
PIERCE	123	24	30	25	1		28	15
PUYALLUP	7	2	2	2			1	
TACOMA	42	7	11	8	1		10	5
SAN JUAN								
SKAGIT	11		4	2	2		2	1
MOUNT VERNON	5		2	1	1		1	
SKAMANIA	2						2	
SNOHOMISH	72	9	17	18	1	1	23	3
EDMONDS	4	1	1	2				
EVERETT	21	2	6	4			8	1
LYNNWOOD	6	1	2	2			1	
MOUNTLAKE TERRACE	3		1				1	1
SPOKANE	56	7	22	14			11	2
SPOKANE (CITY)	31	4	15	3			7	2
STEVENS	6	1	2	2			1	
THURSTON	17	4	5	5			2	1
LACEY	4	1		2			1	
OLYMPIA	5	2	2					1
WAHKIAKUM								
WALLA WALLA	6	1	1	1	1	1	1	
WALLA WALLA (CITY)	6	1	1	1	1	1	1	
WHATCOM	12		2	4	1		3	2
BELLINGHAM	5		1	3			1	
WHITMAN	6		4			1	1	
PULLMAN	4		3				1	
YAKIMA	34	2	7	2	1	2	15	5
YAKIMA (CITY)	14		6		1	2	5	

TABLE 20

INFANT MORTALITY BY AGE AND SEX BY CAUSE, WASHINGTON STATE RESIDENTS 1985

CAUSE AND INTERNATIONAL LIST NUMBER	TOTAL		UNDER 1 DAY		1 DAY- UNDER 7 DAYS		7 DAYS- UNDER 28 DAYS		28 DAYS- UNDER 3 MO.		3 MO.- UNDER 6 MO.		6 MO.- UNDER 9 MO.		9 MO.- UNDER 12 MO.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL ALL CAUSES	417	329	125	106	60	41	43	55	103	55	64	48	18	14	4	10
ALL INFECTIVE AND PARASITIC DISEASES (000-139)	3	4							2	3			1			1
MALIGNANT NEOPLASMS (140-208,230-234)	1												1			
MENINGITIS (320,322)	1	3					1			1		1		1		
DISEASES OF THE CIRCULATORY SYSTEM (390-459)	6	7		2	2			1	2	2	2					2
PNEUMONIA AND INFLUENZA (480-487)	4	4							1	1	3	2		1		
OTHER DISEASES OF RESPIRATORY SYSTEM (510-519)	4	1	1						1		1	1			1	
HERNIA AND INTESTINAL OBSTRUCTION (550-553,560)	1								1							
CONGENITAL ANOMALIES (740-759)	92	74	37	21	18	16	15	16	12	9	6	9	3	2	1	1
ANENCEPHALUS (740)	9	8	8	5	1	2		1								
SPINA BIFIDA AND MENINGOCELE (741)	2	2	1	1				1	1							
OTHER ANOMALIES OF THE CENTRAL NERVOUS SYSTEM (742)	4	5	1	2	1	1		1	2			1				
ANOMALIES OF THE HEART (745-746)	32	18	5	2	7	4	11	4	5	2	2	4	2	1		1
OTHER ANOMALIES OF CIRCULATORY SYSTEM (747)	5	8			2	2	1	3	1	2	1			1		
ANOMALIES OF THE RESPIRATORY SYSTEM (748)	14	8	7	3	3	3	1		1	1	1	1			1	
ANOMALIES OF THE DIGESTIVE SYSTEM (749-751)	1								1							
ANOMALIES OF THE GENITOURINARY SYSTEM (752-753)	8	2	7	2							1					
ANOMALIES OF THE MUSCULOSKELETAL SYSTEM (754-756)	6	8	4	3	1	2	1	2				1				
CHROMOSOMAL ANOMALIES (758)	6	10	1		2	2	1	3	1	4		1	1			
OTHER CONGENITAL ANOMALIES	5	5	3	3	1			1			1	1				
CERTAIN DISEASES OF EARLY INFANCY (760-779)	162	137	87	79	35	22	20	31	10	3	7	1	3	1		
MATERNAL DISEASES AFFECTING CHILD (760)		1				1										
COMPLICATIONS OF PREGNANCY AFFECTING CHILD (761-762)	12	13	10	12	1			1			1					
BIRTH INJURIES (763,767-769)	58	44	20	19	20	13	11	12	5		1		1			
OTHER DISEASES PECULIAR TO EARLY INFANCY	92	79	57	48	14	8	9	18	5	3	5	1	2	1		
SUDDEN INFANT DEATH SYNDROME (7980)	122	75			4	2	6	5	67	33	39	31	5	4	1	
ALL OTHER DISEASES (000-799)	14	16		3		1	1	1	5	3	5	1	2	3	1	4
ALL ACCIDENTS (E800-E949)	3	7			1			1				2	2	2		2
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	1										1	1			
ACCIDENTAL DROWNING AND SUBMERSION (E910)		1														1
INHALATION OF FOOD OR OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION (E911-912)																
MECHANICAL SUFFOCATION IN BED OR CRADLE AND IN OTHER AND UNSPECIFIED CIRCUMSTANCES (E913)	1	2										1	1			1
ALL OTHER ACCIDENTS	1	3			1			1						2		
HOMICIDE (E963-E968)	3	1		1					2				1			
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED (E980-988)	1										1					
UNKNOWN SEX		1		1												
OTHER CONGENITAL ANOMALIES		1		1												

TABLE 21

MATCHED INFANT DEATHS BY MOTHER'S AGE GROUP, WASHINGTON STATE RESIDENTS 1985*

COUNTY AND CITY	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTAL	747	3	111	232	222	115	29	4	2	29
ADAMS										
ASOTIN	7		2	3	2					
BENTON	20		3	8	7	2				
KENNEWICK	13		2	6	4	1				
RICHLAND	2				1	1				
CHELAN	12		2	3	5		1			1
WENATCHEE	3			2	1					
CLALLAM	9		1	3	3	2				
PORT ANGELES	3		1	1		1				
CLARK	25		4	10	4	4	1			2
VANCOUVER	10		3	4	1	1	1			
COLUMBIA										
COWLITZ	9		1	3	2	3				
KELSO	2			1	1					
LONGVIEW	2					2				
DOUGLAS	4			2	1					1
FERRY										
FRANKLIN	11		3	2	4	2				
PASCO	7		2	1	3	1				
GARFIELD										
GRANT	15		3	3	8					1
MOSES LAKE	4				4					
GRAYS HARBOR	14		3	5	5	1				
ABERDEEN	3		1	1	1					
ISLAND	9			4	3	2				
OAK HARBOR	5			2	2	1				
JEFFERSON	2		1		1					
KING	197	1	21	42	58	44	12	2	1	16
AUBURN	8		3	3		1				1
BELLEVUE	7			3	1	2				1
DES MOINES	2			2						
KENT	10		2	4	2	1				1
KIRKLAND	5			1	1	2	1			
REDMOND	6			1	3	2				
RENTON	10		1		3	4	2			
SEATTLE	75	1	5	17	18	19	7	1		7
KITSAP	31	1	3	11	8	7				1
BREMERTON	12		2	5	2	2				1
KITTITAS	2		1		1					
ELLENSBURG	2		1		1					
KLICKITAT	5			1		4				
LEWIS	8		2	3		1	2			
CENTRALIA	1			1						
LINCOLN	1				1					
MASON	6			3	2	1				
OKANOGAN	9		3	5	1					
PACIFIC	4			3	1					
PEND OREILLE	2			2						
PIERCE	123		17	46	40	11	6			3
PUYALLUP	7		1	1	4	1				
TACOMA	42		7	16	11	5	3			
SAN JUAN										
SKAGIT	11		3	1	6	1				
MOUNT VERNON	5		2	1	1	1				
SKAMANIA	2		1	1						
SNOHOMISH	72		9	23	22	13	3	1	1	
EDMONDS	4			2	1		1			
EVERETT	21		3	7	8	3				
LYNNWOOD	6			2	1	3				
MOUNTLAKE TERRACE	3			1	2					
SPOKANE	56		12	18	19	4	2			1
SPOKANE (CITY)	31		6	8	13	3				1
STEVENS	6		2	2	2					
THURSTON	17	1	4	2	5	3	1	1		
LACEY	4			1		1	1	1		
OLYMPIA	5		3		2					
WAHKIAKUM										
WALLA WALLA	6		1	3		2				
WALLA WALLA (CITY)	6		1	3		2				
WHATCOM	12		1	3	2	5	1			
BELLINGHAM	5		1		1	2	1			
WHITMAN	6				4	1				1
PULLMAN	4				4					
YAKIMA	34		8	17	5	2				2
YAKIMA (CITY)	14		1	7	4	1				1

*DEATHS ARE MATCHED WITH BIRTHS TO FIND MOTHER'S AGE.
RESIDENCE IS THE INFANT'S AT THE TIME OF DEATH.

TABLE 22

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

	FETAL DEATHS		PERINATAL MORTALITY(2)		NEONATAL MORTALITY		INFANT MORTALITY	
COUNTY AND CITY	NUMBER	RATIO(1)	NUMBER	RATE(3)	NUMBER	RATE(4)	NUMBER	RATE(4)
STATE TOTAL	403	5.7	736	10.4	431	6.1	747	10.6
ADAMS	3	10.4	3	10.3			1	3.5
ASOTIN	2	7.2	4	14.4	4	14.5	6	21.7
BENTON	14	7.4	22	11.6	11	5.8	20	10.6
KENNEWICK	6	7.4	10	12.2	7	8.6	13	16.0
RICHLAND	3	6.5	4	8.7	1	2.2	2	4.4
CHELAN	7	8.1	16	18.5	11	12.8	12	14.0
WENATCHEE	2	5.5	3	8.2	3	8.2	3	8.2
CLALLAM	7	9.3	9	11.9	2	2.7	9	12.0
PORT ANGELES	4	15.7	4	15.4			3	11.8
CLARK	7	2.1	15	4.5	14	4.2	25	7.5
VANCOUVER	3	2.3	8	6.1	5	3.8	10	7.6
COLUMBIA								
COWLITZ	3	2.7	8	7.2	5	4.5	9	8.1
KELSO							2	10.1
LONGVIEW	2	4.1	3	6.1	1	2.0	2	4.1
DOUGLAS	2	5.4	4	10.7	2	5.4	4	10.8
FERRY								
FRANKLIN	4	5.4	11	14.7	8	10.8	11	14.8
PASCO	2	4.2	8	16.7	6	12.6	7	14.6
GARFIELD								
GRANT	6	5.8	15	14.3	11	10.5	15	14.4
MOSES LAKE			4	18.0	4	18.0	4	18.0
GRAYS HARBOR	6	5.8	10	9.6	5	4.8	14	13.5
ABERDEEN	2	6.9	3	10.3	1	3.5	3	10.4
ISLAND	3	3.3	7	7.7	4	4.4	9	9.9
OAK HARBOR	1	2.8	3	8.3	2	5.6	5	13.9
JEFFERSON	1	4.5	2	8.9	1	4.5	2	9.0
KING	109	5.5	198	10.0	116	5.9	197	10.0
AUBURN	9	16.5	13	23.4	4	7.3	8	14.7
BELLEVUE	3	3.4	5	5.6	2	2.2	7	7.9
DES MOINES	1	20.0	2	39.2	1	20.0	2	40.0
KENT	5	10.6	10	21.0	8	17.0	10	21.2
KIRKLAND	4	11.9	7	20.6	4	11.9	5	14.9
REDMOND	1	2.2	4	8.9	3	6.7	6	13.5
RENTON	3	4.5	6	9.0	5	7.6	10	15.1
SEATTLE	56	8.2	93	13.5	46	6.7	75	10.9
KITSAP	12	4.3	30	10.7	23	8.2	31	11.1
BREMERTON	3	3.6	10	11.9	8	9.6	12	14.4
KITTITAS	5	15.8	6	18.7	1	3.2	2	6.3
ELLENSBURG	5	34.5	6	40.0	1	6.9	2	13.8
KLICKITAT	3	11.9	5	19.6	3	11.9	5	19.8
LEWIS	4	4.8	7	8.4	4	4.8	8	9.6
CENTRALIA	2	9.1	3	13.5	1	4.5	1	4.5
LINCOLN			1	7.6	1	7.6	1	7.6
MASON	3	5.8	5	9.6	3	5.8	6	11.6
OKANOGAN	5	9.9	10	19.6	5	9.9	9	17.8
PACIFIC	1	4.1	1	4.1	1	4.1	4	16.6
PEND OREILLE					1	7.6	2	15.2
PIERCE	57	6.0	116	12.1	78	8.2	123	12.9
PUYALLUP	2	5.4	6	16.1	5	13.5	7	18.9
TACOMA	17	5.3	36	11.2	24	7.5	42	13.2
SAN JUAN	1	8.7	1	8.6				
SKAGIT	4	3.6	8	7.3	5	4.6	11	10.0
MOUNT VERNON			2	6.8	3	10.2	5	17.0
SKAMANIA							2	19.8
SNOHOMISH	40	6.1	67	10.2	35	5.4	72	11.0
EDMONDS	3	7.6	4	10.0	3	7.6	4	10.1
EVERETT	13	9.2	20	14.0	10	7.0	21	14.8
LYNNWOOD	5	10.5	7	14.6	3	6.3	6	12.7
MOUNTLAKE TERRACE	3	10.6	4	14.0	1	3.5	3	10.6
SPOKANE	30	5.4	63	11.2	36	6.4	56	10.0
SPOKANE (CITY)	14	4.6	34	11.2	21	6.9	31	10.2
STEVENS	5	10.1	8	16.0	4	8.1	6	12.1
THURSTON	14	6.4	21	9.5	12	5.4	17	7.7
LACEY			1	3.9	2	7.8	4	15.5
OLYMPIA	7	8.1	8	9.2	4	4.6	5	5.8
WAHKIAKUM	1	33.3	1	32.3				
WALLA WALLA	2	3.0	3	4.5	3	4.5	6	9.1
WALLA WALLA (CITY)	1	2.5	2	5.1	3	7.6	6	15.2
WHATCOM	10	6.2	14	8.6	4	2.5	12	7.4
BELLINGHAM	3	4.9	6	9.7	3	4.9	5	8.1
WHITMAN	1	2.2	4	8.9	4	8.9	6	13.4
PULLMAN			2	8.8	3	13.3	4	17.7
YAKIMA	31	9.4	41	12.3	14	4.2	34	10.3
YAKIMA (CITY)	6	6.6	11	12.0	8	8.8	14	15.3

(1)RATIO PER 1,000 LIVE BIRTHS
(2)FETAL DEATHS PLUS LIVEBORN INFANTS DYING AT 6 DAYS AND UNDER
(3)RATE PER 1,000 LIVE BIRTHS PLUS FETAL DEATHS
(4)RATE PER 1,000 LIVE BIRTHS

TABLE 23

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF OCCURRENCE, WASHINGTON STATE 1985

COUNTY AND CITY	FETAL DEATHS		PERINATAL MORTALITY(2)		NEONATAL MORTALITY		INFANT MORTALITY	
	NUMBER	RATIO(1)	NUMBER	RATE(3)	NUMBER	RATE(4)	NUMBER	RATE(4)
STATE TOTAL	412	5.9	753	10.8	440	6.3	764	11.0
ADAMS	3	11.3	3	11.2			2	7.5
ASOTIN							1	500.0
BENTON	16	7.1	24	10.6	11	4.9	19	8.5
KENNEWICK	3	3.8	7	8.7	5	6.3	8	10.0
RICHLAND	13	11.2	17	14.5	6	5.2	10	8.6
CHELAN	10	7.9	15	11.7	7	5.5	10	7.9
WENATCHEE	9	7.8	13	11.2	6	5.2	9	7.8
CLALLAM	8	10.6	8	10.5			1	1.3
PORT ANGELES	8	12.0	8	11.8			1	1.5
CLARK	7	3.1	11	4.9	4	1.8	13	5.8
VANCOUVER	7	3.2	11	4.9	4	1.8	13	5.9
COLUMBIA								
COWLITZ	6	5.0	9	7.4	3	2.5	9	7.5
KELSO							2	2000.0
LONGVIEW	6	5.0	8	6.6	2	1.7	5	4.2
DOUGLAS								
FERRY								
FRANKLIN	5	10.5	7	14.6	2	4.2	5	10.5
PASCO	5	10.6	7	14.6	2	4.2	3	6.3
GARFIELD								
GRANT	4	4.6	6	6.9	3	3.5	5	5.8
MOSES LAKE	3	4.6	5	7.7	3	4.6	4	6.2
GRAYS HARBOR	4	5.1	4	5.0			4	5.1
ABERDEEN	4	5.1	4	5.1			2	2.6
ISLAND	3	3.9	4	5.2	1	1.3	5	6.5
OAK HARBOR							2	285.7
JEFFERSON	1	6.0	1	5.9			2	11.9
KING	124	5.8	271	12.6	189	8.8	309	14.5
AUBURN	3	5.1	6	10.1	3	5.1	7	11.9
BELLEVUE	5	2.2	8	3.4	3	1.3	6	2.6
DES MOINES	1	1000.0	1	500.0				
KENT							5	384.6
KIRKLAND	3	2.5	4	3.4	2	1.7	3	2.5
REDMOND	6	3.6	7	4.2	1	.6	3	1.8
RENTON	3	1.4	8	3.8	6	2.9	13	6.2
SEATTLE	100	7.6	233	17.7	173	13.2	266	20.3
KITSAP	12	4.8	18	7.2	8	3.2	14	5.6
BREMERTON	8	5.4	9	6.0	2	1.3	8	5.4
KITTITAS	3	10.9	4	14.3	1	3.6	2	7.2
ELLENSBURG	3	11.5	4	15.1	1	3.8	2	7.6
KLICKITAT	2	9.9	2	9.8			1	4.9
LEWIS	4	4.7	6	7.0	2	2.3	7	8.2
CENTRALIA	1	2.6	3	7.9	2	5.3	3	7.9
LINCOLN			1	17.9	1	17.9	1	17.9
MASON	1	5.1	1	5.1			3	15.3
OKANOGAN	5	10.4	5	10.3			3	6.3
PACIFIC	1	8.4	1	8.3			3	25.2
PEND OREILLE							2	24.7
PIERCE	62	5.8	132	12.2	96	8.9	145	13.5
PUYALLUP	6	4.7	11	8.6	6	4.7	10	7.9
TACOMA	36	5.4	82	12.1	68	10.1	99	14.7
SAN JUAN								
SKAGIT	5	3.6	5	3.6			3	2.2
MOUNT VERNON	2	2.2	2	2.2			1	1.1
SKAMANIA							1	500.0
SNOHOMISH	27	5.7	35	7.3	10	2.1	34	7.2
EDMONDS	8	5.0	9	5.6	1	.6	2	1.3
EVERETT	16	6.1	20	7.6	5	1.9	18	6.8
LYNNWOOD	1	83.3	1	76.9	1	83.3	2	166.7
MOUNTLAKE TERRACE							1	142.9
SPOKANE	43	6.7	104	16.2	78	12.2	106	16.8
SPOKANE (CITY)	42	7.1	103	17.2	77	13.0	104	17.5
STEVENS			2	6.1	2	6.1	3	9.1
THURSTON	11	5.2	14	6.5	3	1.4	6	2.8
LACEY							1	200.0
OLYMPIA	11	5.2	14	6.6	3	1.4	4	1.9
WAHKIAKUM								
WALLA WALLA	3	3.2	3	3.2	2	2.2	5	5.4
WALLA WALLA (CITY)	3	3.2	3	3.2	2	2.2	5	5.4
WHATCOM	10	6.4	11	7.0	1	.6	6	3.8
BELLINGHAM	10	6.5	11	7.1	1	.7	2	1.3
WHITMAN	2	4.3	2	4.3			1	2.1
PULLMAN	1	2.5	1	2.5			1	2.5
YAKIMA	30	9.1	44	13.3	16	4.9	33	10.0
YAKIMA (CITY)	22	9.0	35	14.1	15	6.1	28	11.4

(1)RATIO PER 1,000 LIVE BIRTHS
(2)FETAL DEATHS PLUS LIVEBORN INFANTS DYING AT 6 DAYS AND UNDER
(3)RATE PER 1,000 LIVE BIRTHS PLUS FETAL DEATHS
(4)RATE PER 1,000 LIVE BIRTHS

TABLE 24

FETAL MORTALITY BY SEX AND WEIGHT, WASHINGTON STATE RESIDENTS 1985

GRAM WEIGHT	TOTAL	MALE	FEMALE	SEX UNKNOWN
STATE TOTAL	403	206	194	3
1,000 GRAMS OR LESS	134	72	62	
1,001 - 1,500	30	18	12	
1,501 - 2,000	23	15	8	
2,001 - 2,500	26	12	14	
2,501 - 3,000	31	16	15	
3,001 - 3,500	29	16	13	
3,501 - 4,000	17	7	10	
4,001 - 4,500	9	4	5	
4,501 AND OVER	7	4	3	
NOT STATED	97	42	52	3

TABLE 25

FETAL MORTALITY BY CAUSE, WASHINGTON STATE RESIDENTS 1985

CAUSE WITH INTERNATIONAL LIST NUMBER		TOTALS
TOTAL ALL CAUSES		403
CONGENITAL ANOMALIES (740-759)		50
ANENCEPHALUS (740)	15	
SPINA BIFIDA (741)	3	
OTHER ANOMALIES OF THE CENTRAL NERVOUS SYSTEM (742)	1	
ANOMALIES OF THE HEART (745-746)	2	
OTHER ANOMALIES OF CIRCULATORY SYSTEM (747)	2	
ANOMALIES OF RESPIRATORY SYSTEM (748)		
ANOMALIES OF DIGESTIVE SYSTEM (749-751)	3	
ANOMALIES OF THE GENITOURINARY SYSTEM (752-753)	4	
ANOMALIES OF MUSCULOSKELETAL SYSTEM (754-756)	2	
CHROMOSOMAL ANOMALIES (758)	6	
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES (743-744,757,759)	12	
CERTAIN CAUSES OF PERINATAL MORBIDITY AND MORTALITY (760-779)		351
MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PREGNANCY (760)		
CHRONIC HYPERTENSION (760.0)	8	
MATERNAL INFECTIONS (760.2)		
MATERNAL INJURY (760.5)	8	
OTHER MATERNAL CONDITIONS (760.1,760.3-760.4,760.6-760.9)	8	
MATERNAL CONDITIONS RELATED TO PREGNANCY (761)		
INCOMPETENT CERVIX (761.0)	9	
PREMATURE RUPTURE OF MEMBRANES (761.1)	15	
OTHER MATERNAL CONDITIONS (761.2-761.9)	4	
COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES (762)		
COMPLICATIONS OF PLACENTA (762.0-762.3)	72	
COMPLICATIONS OF CORD (762.4-762.6)	73	
COMPLICATIONS OF MEMBRANES (762.7-762.9)	8	
COMPLICATIONS OF LABOR (763)	5	
OTHER COMPLICATIONS OF PREGNANCY AND CHILDBIRTH (764-767)	17	
INTRAUTERINE HYPOXIA (768)	16	
DISEASES OF THE FETUS AND ILL-DEFINED CAUSES (770-779)		
RESPIRATORY CONDITIONS (770)	6	
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD (771)	1	
FETAL HEMORRHAGE (772)	1	
HAEMOLYTIC DISEASE AND OTHER PERINATAL JAUNDICE (773-774)	2	
ENDOCRINE AND METABOLIC DISTURBANCES (775)	3	
HAEMATOLOGICAL DISORDERS (776)		
DISORDERS OF DIGESTIVE SYSTEM (777)		
CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION (778)	3	
OTHER CONDITIONS OF FETUS (779)	92	
ALL OTHER CAUSES (001-739,780-799)		2

TABLE 26

FETAL DEATHS BY MOTHER'S AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND CITY	ALL AGES	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTAL	403	2	22	26	122	114	66	32	7		12
ADAMS	3				1	1		1			
ASOTIN	2					2					
BENTON	14		1		3	5	4		1		
CHELAN	7			2	3	2					
CLALLAM	7				2	2	2	1			
CLARK	7				3	2			1		1
COLUMBIA											
COWLITZ	3		1		1		1				
DOUGLAS	2					2					
FERRY											
FRANKLIN	4		1		2			1			
GARFIELD											
GRANT	6		1		3		1		1		
GRAYS HARBOR	6				4	1	1				
ISLAND	3			1	1	1					
JEFFERSON	1						1				
KING	109	1	5	5	31	22	26	8	4		7
KITSAP	12		2	2	1	2	3	2			
KITTITAS	5			2				2			1
KLICKITAT	3			2		1					
LEWIS	4			2	1			1			
LINCOLN											
MASON	3			1	1	1					
OKANOGAN	5		1		1	1	1	1			
PACIFIC	1					1					
PEND OREILLE											
PIERCE	57		4	4	20	16	8	5			
SAN JUAN	1							1			
SKAGIT	4				1	1	1	1			
SKAMANIA											
SNOHOMISH	40	1	1	1	13	19	3	2			
SPOKANE	30			3	11	10	4	2			
STEVENS	5				4						1
THURSTON	14		2		6	4	2				
WAHKIAKUM	1				1						
WALLA WALLA	2			1							1
WHATCOM	10					3	4	2			1
WHITMAN	1				1						
YAKIMA	31		3		7	15	4	2			

INDUCED TERMINATIONS OF PREGNANCY

TABLE 1

INDUCED TERMINATIONS OF PREGNANCY BY SELECTED TOPICS, 1985

A. RESIDENCE, BY AGE GROUP OF PATIENT

AGE GROUP		%
TOTAL	25,835	100.0*
<15	159	0.6
15-17	2,723	11.0
18-19	3,701	14.0
20-24	8,796	34.0
25-29	5,559	21.5
30-34	3,018	11.7
35-39	1,456	5.6
40-44	377	1.5
45+	30	0.1
UNKNOWN	16	0.1

B. RESIDENCE, BY GESTATIONAL AGE

WEEKS		%
TOTAL	25,835	100.0*
1-4	547	2.1
5-8	13,042	50.5
9	3,604	14.0
10	3,311	12.8
11	1,522	5.9
12	1,236	4.8
13-15	1,324	5.1
16-19	928	3.6
20+	309	1.2
UNKNOWN	12	---

C. RESIDENCE, BY NUMBER OF PREVIOUS LIVE BIRTHS

		%
TOTAL	25,835	100.0*
0	13,886	53.7
1	5,081	19.7
2	3,641	14.1
3	1,180	4.6
4	300	1.2
OVER 4	158	0.6
UNKNOWN	1,589	6.2

D. RESIDENCE, BY NUMBER OF PREVIOUS INDUCED ABORTIONS

		%
TOTAL	25,835	100.0*
0	13,656	52.9
1	6,609	25.6
2	2,507	9.7
3	896	3.5
4	345	1.3
OVER 4	205	0.8
UNKNOWN	1,615	6.3

E. RESIDENCE, BY NUMBER OF PREVIOUS PREGNANCIES

		%
TOTAL	25,835	100.0*
0	8,790	34.0
1	5,792	22.4
2	4 441	17.2
3	2,687	10.4
4	1,359	5.3
OVER 4	1,147	4.4
UNKNOWN	1,619	6.3

F. RESIDENCE, BY RACE

		%
TOTAL	25,835	100.0*
WHITE	17,000	65.8
BLACK	1,348	5.2
ASIAN	745	2.9
SPANISH ORIGIN	446	1.7
AMERICAN INDIAN	185	0.7
OTHER	43	0.2
UNKNOWN	6,608	23.5

TABLE 1 (CONT'D)

INDUCED TERMINATIONS OF PREGNANCY BY SELECTED TOPICS, 1985

G. RESIDENCE AND OCCURRENCE, BY TRAVEL PATTERN

RESIDENCE		%
TOTAL	25,835	100.0*
INSIDE HOME COUNTY	17,588	68.0
OUTSIDE HOME COUNTY	8,277	32.0

OCCURRENCE		%
TOTAL	26,581	100.0*
COUNTY RESIDENT	17,588	66.1
OUT-OF COUNTY RESIDENT	9,023	33.9

H. OCCURRENCE, BY OPERATIVE PROCEDURE

		%
TOTAL	26,581	100.0*
SUCTION CURETTAGE	24,227	91.1
DILATATION AND EVACUATION	1,972	7.4
SALINE	227	0.9
PROSTAGLANDIN	134	0.5
SHARP CURETTAGE	11	---
HYSTERECTOMY/ HYSTEROTOMY	5	---
OTHER	3	---
UNKNOWN	2	---

I. OCCURRENCE, BY STATE OR COUNTRY OF RESIDENCE

		%
TOTAL	26,581	100.0*
WASHINGTON	24,932	93.8
IDAHO	335	1.3
OREGON	331	1.2
ALASKA	254	1.0
MONTANA	30	.1
CALIFORNIA	21	.1
CANADA	619	2.3
OTHER STATES AND COUNTRIES	38	1.4
UNKNOWN	21	.1

J. OCCURRENCE, BY RH FACTOR AND TREATMENT SETTING

TOTAL			26,581
POSITIVE			22,963
NEGATIVE			3,380
PROVIDED AT FACILITY		3,073	
ORDERED THROUGH BLOODBANK		161	
WITH FOLLOWUP	87		
W/O FOLLOWUP	74		
NOT PROVIDED		146	
CONRAINDICATED	15		
STERILIZATION PERFORMED	14		
OTHER	105		
UNKNOWN	12		
UNKNOWN RH			238

K. OCCURRENCE, BY TYPE OF COMPLICATION

TOTAL	157
RETAINED PRODUCTS	57
INFECTION	33
HEMORRHAGE	18
UTERINE PERFORATION	11
FAILED ABORTION	8
CERVICAL LACERATION	4
OTHER COMPLICATIONS	14
MULTIPLE COMPLICATIONS	12

L. OCCURRENCE, BY TYPE OF FACILITY

		%
TOTAL	26,581	100.0*
CLINIC	18,312	68.9
OFFICE	6,733	25.3
HOSPITAL	1,535	5.8
OTHER	1	---

*DETAIL MAY NOT ADD TO 100% DUE TO ROUNDING

TABLE 2

INDUCED ABORTIONS, LIVE BIRTHS, AND ABORTION RATIO WITH PERCENT CHANGE WASHINGTON STATE RESIDENTS 1974-1985

YEAR	INDUCED ABORTIONS*	PERCENT CHANGE	LIVE BIRTHS	PERCENT CHANGE	ABORTION RATIO**	PERCENT CHANGE
1974	16,159		50,096		323	
1975	18,628	+15.3	50,821	+1.4	367	+13.6
1976	20,251	+8.7	53,004	+4.3	382	+4.1
1977	23,938	+18.2	57,256	+8.0	418	+9.4
1978	26,254	+9.7	58,725	+2.6	447	+6.9
1979	26,796	+2.1	64,377	+9.6	416	-6.9
1980	27,947	+4.3	67,857	+5.4	412	-1.0
1981	28,968	+3.7	69,756	+2.8	415	+.7
1982	27,431	-5.3	69,529	-.3	395	-4.8
1983	26,560	-3.2	68,705	-1.2	387	-2.0
1984	26,732	+.6	68,947	+.4	388	+.3
1985	25,835	-3.4	70,226	+1.9	368	-5.2

* RESIDENT ABORTION FIGURES FOR 1974 THROUGH 1977 ARE ESTIMATES DERIVED FROM OCCURRENCE ABORTION COUNTS FOR THOSE YEARS. THE OCCURRENCE COUNTS WERE DISCOUNTED BY 11.14 PERCENT ON THE BASIS OF THE 1978 RATIO OF RESIDENTS TO OCCURRENCES (I.E., 88.86 PERCENT OF THE TOTAL ABORTIONS REPORTED IN 1978 WERE TO WASHINGTON STATE RESIDENTS). NOTE THAT THESE ESTIMATES ARE NOT THE SAME AS THOSE PUBLISHED IN THE 1978 AND 1979 REPORTS.

** NUMBER OF RESIDENTS ABORTIONS PER 1,000 RESIDENT LIVE BIRTHS.

TABLE 3

REPORTED PREGNANCIES BY AGE OF PATIENT AND PREGNANCY OUTCOME WITH PERCENTS
WASHINGTON STATE RESIDENTS 1985

AGE OF PATIENT	ABORTIONS	FETAL DEATHS	LIVE BIRTHS	TOTAL REPORTED PREGNANCIES
UNDER 15	159 (58.9%)	2 (.7%)	109 (40.4%)	270
15-17	2,723 (53.0%)	22 (.4%)	2,391 (46.6%)	5,136
18-19	3,701 (43.8%)	26 (.3%)	4,720 (55.9%)	8,447
20-24	8,796 (29.5%)	122 (.4%)	20,918 (70.1%)	29,836
25-29	5,559 (19.5%)	114 (.4%)	22,878 (80.1%)	28,551
30-34	3,018 (17.3%)	66 (.4%)	14,314 (82.3%)	17,398
35-39	1,456 (25.0%)	32 (.5%)	4,344 (74.5%)	5,832
40-44	377 (42.8%)	7 (.8%)	496 (56.4%)	880
45 & OVER	30 (63.8%)		17 (36.2%)	47
UNKNOWN	16 (23.9%)	12 (17.9%)	39 (58.2%)	67
ALL AGES	25,835 (26.8%)	403 (.4%)	70,226 (72.8%)	96,464

TABLE 4

AGE GROUP SPECIFIC FERTILITY RATE, ABORTION RATE, AND ABORTION RATIO, WASHINGTON STATE RESIDENTS 1985

AGE OF PATIENT	1985 FEMALE POPULATION*	FERTILITY RATE**	ABORTION RATE***	ABORTION RATIO****
10-14	147,400	.7	1.1	1,459
15-19	158,537	44.9	40.5	903
15-17	96,208	24.9	28.3	1,139
18-19	62,329	75.7	59.4	784
20-24	178,274	117.3	49.3	421
25-29	192,717	118.7	28.9	243
30-34	195,985	73.0	15.4	211
35-39	180,546	24.1	8.1	335
40-44	137,759	3.6	2.7	760
45-49	106,079	.2	.3	1,706
15-44	1,043,818	67.2	24.7	368

* 1985 ESTIMATES FROM OFFICE OF FINANCIAL MANAGEMENT

** RESIDENT LIVE BIRTHS FOR SPECIFIC AGE GROUP PER 1,000 FEMALE POPULATION IN THAT AGE GROUP.

*** RESIDENT ABORTIONS FOR SPECIFIC AGE GROUP PER 1,000 FEMALE POPULATION IN THAT AGE GROUP.

**** RESIDENT ABORTIONS FOR SPECIFIC AGE GROUP PER 1,000 RESIDENT LIVE BIRTHS FOR THAT AGE GROUP.

TABLE 5

PREVIOUS LIVEBIRTHS BY AGE OF PATIENT, WASHINGTON RESIDENTS 1985

AGE OF PATIENT	TOTAL	PREVIOUS LIVEBIRTHS 0	1	2	3	4	OVER 4	UNKNOWN
STATE TOTAL	25,835	13,886	5,081	3,641	1,180	300	159	1,588
UNDER 15	159	149	3					7
15-17	2,723	2,396	134	13	2	1		177
18-19	3,701	2,851	503	107	3	2	1	234
20-24	8,796	5,002	1,987	996	210	37	8	556
25-29	5,559	2,222	1,391	1,142	374	71	33	326
30-34	3,018	924	708	796	291	89	38	172
35-39	1,456	281	297	466	201	67	53	91
40-44	377	52	57	111	88	27	19	23
45 & OVER	30	2		6	11	6	4	1
UNKNOWN	16	7	1	4			3	1

TABLE 6

PREVIOUS INDUCED ABORTIONS BY AGE OF PATIENT, WASHINGTON RESIDENTS 1985

AGE OF PATIENT	TOTAL	PREVIOUS ABORTIONS 0	1	2	3	4	OVER 4	UNKNOWN
STATE TOTAL	25,835	13,656	6,609	2,507	896	345	215	1,607
UNDER 15	159	150	2					7
15-17	2,723	2,216	292	33	2		1	179
18-19	3,701	2,524	737	157	38	8	2	235
20-24	8,796	4,364	2,569	876	282	87	55	563
25-29	5,559	2,192	1,704	782	324	153	74	330
30-34	3,018	1,278	821	447	165	73	61	173
35-39	1,456	693	383	175	75	18	17	95
40-44	377	213	91	32	8	6	4	23
45 & OVER	30	20	4	3	1		1	1
UNKNOWN	16	6	6	2	1			1

TABLE 7

INDUCED ABORTIONS BY AGE OF PATIENT BY GESTATION OF PREGNANCY, WASHINGTON STATE RESIDENTS 1985

WEEKS GESTATION	TOTAL	AGE OF PATIENT									
		UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	UNKNOWN
STATE TOTAL	25,835	159	2,723	3,701	8,796	5,559	3,018	1,456	377	30	16
UNDER 9	13,589	62	1,108	1,691	4,570	3,201	1,809	904	216	18	10
9-12	9,673	57	1,176	1,511	3,373	1,916	1,040	454	134	7	5
13-15	1,324	16	210	250	445	244	92	47	16	3	1
16-19	928	18	176	196	304	143	47	36	7	1	
20 & OVER	309	6	53	52	100	54	29	11	3	1	
UNKNOWN	12			1	4	1	1	4	1		

TABLE 8

INDUCED ABORTIONS BY TYPE OF PROCEDURE BY GESTATION OF PREGNANCY, WASHINGTON STATE OCCURRENCES 1985

TYPE OF PROCEDURE	TOTAL	WEEKS GESTATION					
		UNDER 9	9-12	13-15	16-19	20 & OVER	UNKNOWN
STATE TOTAL	26,581	14,092	9,774	1,385	992	330	8
SUCTION CURETTAGE	24,529	14,026	9,701	682	93	20	7
DILATATION AND EVACUATION (D&E)	1,670	54	69	676	707	164	
SHARP CURETTAGE	11	6	3			1	1
SALINE	227			8	102	117	
PROSTAGLANDIN	134		1	17	89	27	
HYSTEROTOMY/ HYSTERECTOMY	5	3		1	1		
OTHER	3	1		1		1	
UNKNOWN	2	2					

TABLE 9

INDUCED ABORTIONS WITH COMPLICATIONS BY TYPE OF PROCEDURE BY GESTATION OF PREGNANCY, WASHINGTON STATE OCCURRENCES 1985

			WEEKS GESTATION					
TYPE OF PROCEDURE		TOTAL	UNDER 9	9-12	13-15	16-19	20 & OVER	UNKNOWN
STATE TOTAL		153	63	45	10	23	12	
	RATE*	5.7	4.4	4.6	7.2	23.1	36.3	
SUCTION CURETTAGE		112	62	42	7	1		
	RATE*	4.5	4.4	4.3	10.2	10.7		
DILATATION AND EVACUATION (D&E)		7		3	1	2	1	
	RATE*	4.1		43.4	1.4	2.8	6.1	
SHARP CURETTAGE		1	1					
	RATE*	90.9	166.6					
SALINE		20			1	12	7	
	RATE*	88.1			125.0	117.6	59.8	
PROSTAGLANDIN		13			1	8	4	
	RATE*	97.0			58.8	89.8	148.1	
HYSTEROTOMY/ HYSTERECTOMY	RATE*							
OTHER								
	RATE*							
UNKNOWN								
	RATE*							

*COMPLICATIONS PER 1,000 PROCEDURES PERFORMED

TOTAL OF PATIENTS WITH COMPLICATIONS IS 153. TOTAL COMPLICATIONS IS 166.

TABLE 10

INDUCED ABORTIONS WITH COMPLICATIONS BY TYPE BY GESTATION OF PREGNANCY, WASHINGTON STATE OCCURRENCES 1985

			WEEKS GESTATION					
TYPE OF COMPLICATION		TOTAL	UNDER 9	9-12	13-15	16-19	20 & OVER	AGE UNKNOWN
STATE TOTAL		153	63	45	10	23	12	
	RATE*	5.7	4.4	4.6	7.2	23.1	36.3	
HEMORRHAGE		18	3	6	7	2		
	RATE*	.6	.2	.6	5.0	2.0		
INFECTION		33	21	10		2		
	RATE*	1.2	1.4	1.0		2.0		
UTERINE PERFORATION		11	8	3				
	RATE*	.4	.5	.3				
CERVICAL LACERATION		4	1	2		1		
	RATE*	.1		.2		1.0		
RETAINED PRODUCTS		57	16	15	1	14	11	
	RATE*	2.1	1.1	1.5	.7	14.1	33.3	
FAILED ABORTION		8	3	4		1		
	RATE*	.3	.2	.4		1.0		
OTHER COMPLICATIONS		10	6	3	1			
	RATE*	.3	.4	.3	.7			
MULTIPLE COMPLICATIONS		12	5	2	1	3	1	
	RATE*	.4	.3	.2	.7	3.0	3.0	

* COMPLICATIONS PER 1,000 PROCEDURES.

TOTAL NUMBER OF PATIENTS WITH COMPLICATIONS WAS 153.

TOTAL NUMBER OF COMPLICATIONS WAS 166.

TABLE 11

INDUCED ABORTIONS WITH COMPLICATIONS BY GESTATION OF PREGNANCY WITH RATES, WASHINGTON STATE OCCURRENCES 1981-1985

PROCEDURES	1981	1982	1983	1984	1985
STATE TOTAL	30,974	29,298	27,857	27,783	26,581
COMPLICATION CASES	333	282	236	175	153
COMPLICATION RATE*	10.8	9.6	8.5	6.3	5.8
UNDER 9 WKS GESTATION	17,608	17,767	16,460	15,165	14,092
COMPLICATION CASES	132	129	127	73	63
COMPLICATION RATE*	7.5	7.3	7.7	4.8	4.5
9-12 WKS GESTATION	11,695	10,000	9,217	10,170	9,774
COMPLICATION CASES	124	100	60	65	45
COMPLICATION RATE*	10.6	10.0	6.5	6.4	4.6
13-15 WKS GESTATION	822	705	1,117	1,254	1,385
COMPLICATION CASES	23	17	27	6	10
COMPLICATION RATE*	28.0	24.1	24.2	4.8	7.2
16-19 WKS GESTATION	599	604	837	887	992
COMPLICATION CASES	46	27	19	18	23
COMPLICATION RATE*	76.8	44.7	22.7	20.3	23.2
OVER 19 WKS GESTATION	182	196	195	287	330
COMPLICATION CASES	8	9	3	13	12
COMPLICATION RATE*	44.0	45.9	15.4	45.3	36.4
UNKNOWN GESTATION	68	26	31	20	8
COMPLICATION CASES					
COMPLICATION RATE*					

* COMPLICATIONS PER 1,000 PROCEDURES

TABLE 12

INDUCED ABORTIONS WITH COMPLICATIONS BY TYPE OF PROCEDURE WITH RATES, WASHINGTON STATE OCCURRENCES 1981-1985

PROCEDURES	1981	1982	1983	1984	1985
STATE TOTAL	30,974	29,298	27,857	27,783	26,581
COMPLICATION CASES	333	282	236	175	153
COMPLICATION RATE*	10.8	9.6	8.5	6.3	5.8
SUCTION CURETTAGE	29,165	27,873	26,050	25,898	24,529
COMPLICATION CASES	264	240	201	134	112
COMPLICATION RATE*	9.1	8.6	7.7	5.2	4.6
DILATATION & EVACUATION	950	792	1,289	1,453	1,670
COMPLICATION CASES	6	8	16	14	7
COMPLICATION RATE*	6.3	10.1	12.4	9.6	4.2
SHARP CURETTAGE	110	25	26	9	11
COMPLICATION CASES	1			2	1
COMPLICATION RATE*	9.1			222.2	90.9
PROSTAGLANDIN	142	147	155	167	134
COMPLICATION CASES	10	3	4	9	13
COMPLICATION RATE*	70.4	20.4	25.8	53.9	97.0
SALINE	565	449	328	244	227
COMPLICATION CASES	50	30	15	14	20
COMPLICATION RATE*	88.5	66.8	45.7	57.4	88.1
HYSTEROTOMY/HYSTERECTOMY	17	5	6	8	5
COMPLICATION CASES	1	1		2	
COMPLICATION RATE*	58.8	200.0		250.0	
OTHER PROCEDURE	14	4	3		3
COMPLICATION CASES	1				
COMPLICATION RATE*	71.4				
UNKNOWN	11	3			
COMPLICATION CASES					
COMPLICATION RATE*					

* COMPLICATIONS PER 1,000 PROCEDURES

OCCURRENCE →

TABLE 13. INDUCED ABORTION INTERCOUNTY TRAVEL

RESIDENCE ↓	ADAMS	ASOTIN	BENTON	CHELAN	CLALLAM	CLARK	COLUMBIA	COWLITZ	DOUGLAS	FERRY	FRANKLIN	GARFIELD	GRANT	GRAYS HARBOR	ISLAND	JEFFERSON	KING
ADAMS	0												51				1
ASOTIN		2															
BENTON			0	1									14				11
CHELAN				18									24				115
CLALLAM					6										1		80
CLARK						566							1				9
COLUMBIA						1	0										1
COWLITZ						36		0									29
DOUGLAS									0				13				30
FERRY										0							
FRANKLIN											0		7				6
GARFIELD												0					
GRANT				2									160				8
GRAYS HARBOR														7			162
ISLAND															113		66
JEFFERSON																0	25
KING				1		1											10789
KITSAP						1											512
KITTITAS																	48
KLICKITAT						14											1
LEWIS						3											106
LINCOLN													1				1
MASON																	40
OKANOGAN				2									2				29
PACIFIC						3								1			13
PEND OREILLE																	
PIERCE						1											1362
SAN JUAN															1		9
SKAGIT															3		107
SKAMANIA						4											1
SNOHOMISH															1		1270
SPOKANE													12				23
STEVENS													1				2
THURSTON																	370
WAHKIAKUM						3											1
WALLA WALLA													1				14
WHATCOM																	102
WHITMAN													2				17
YAKIMA						1											21
COUNTY UNKNOWN																	
OUT-OF-STATE						130							3				338
NON U.S.						1											427

PATTERNS, WASHINGTON STATE RESIDENTS AND OCCURRENCES, 1985

KITSAP	KITTITAS	KLICKITAT	LEWIS	LINCOLN	MASON	OKANOGAN	PACIFIC	PEND OREILLE	PIERCE	SAN JUAN	SKAGIT	SKAMANIA	SNOHOMISH	SPOKANE	STEVENS	THURSTON	WAHKIAKUM	WALLA WALLA	WHATCOM	WHITMAN	YAKIMA	OUT-OF-STATE
									1					9							12	
														37						3	4	26
									2					5							518	2
									3					7							106	
									6				2			2						
																					1	602
														5							8	
									2							1					3	126
						1								3							19	
														13								
														4							170	
														2							1	
									1					11							49	1
									26							122						1
									3		8		2						11			
									2													
									34		1		52			1			5		4	12
0									137				2	2								
	2													2							125	
		2																			7	12
			0						75							38					2	8
				0										14								
					0				28					1		36						2
						13								21					1		27	
							0		2							11						19
								0						28								
									2028				1			8						2
										0	1								6			2
											79			3					84			
		2									1	0		1								12
									6		5		206	2		2			5		2	
														1851							39	13
														74	0						5	1
									149				1			394						2
																1	0					
														9				0			218	10
									2		2								491			1
									1					75						38	18	43
									5					2		1					793	5
		1							13					288					4	16	208	
									3				2	36					155		24	

TABLE 14

LIVEBIRTHS AND ABORTIONS, WITH RATE AND RATIO INDICATORS, BY PATIENT'S PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY	FEMALE POPULATION*	LIVE BIRTHS	ABORTIONS	ABORTION RATIO**	ABORTION RATE***	FERTILITY RATE****
STATE TOTAL	1,043,818	70,226	25,835	368	25	67
ADAMS	3,014	289	74	256	25	96
ASOTIN	3,702	276	72	261	19	75
BENTON	25,769	1,881	553	294	21	73
CHELAN	10,252	860	273	317	27	84
CLALLAM	10,999	749	97	130	9	68
CLARK	49,101	3,316	1,179	356	24	68
COLUMBIA	744	51	15	294	20	69
COWLITZ	18,210	1,114	197	177	11	61
DOUGLAS	5,298	371	66	178	12	70
FERRY	1,352	94	13	138	10	70
FRANKLIN	7,814	743	187	252	24	95
GARFIELD	437	28	3	107	7	64
GRANT	10,642	1,043	232	222	22	98
GRAYS HARBOR	13,663	1,040	318	306	23	76
ISLAND	10,641	912	203	223	19	86
JEFFERSON	3,484	223	27	121	8	64
KING	337,750	19,790	10,900	551	32	59
KITSAP	38,043	2,804	654	233	17	74
KITTITAS	6,447	316	177	560	27	49
KLICKITAT	3,531	252	36	143	10	71
LEWIS	11,864	833	232	279	20	70
LINCOLN	1,885	131	16	122	8	70
MASON	6,962	516	107	207	15	74
OKANOGAN	6,827	506	95	188	14	74
PACIFIC	3,189	241	49	203	15	76
PEND OREILLE	1,898	132	28	212	15	70
PIERCE	124,114	9,535	3,402	357	27	77
SAN JUAN	1,834	115	19	165	10	63
SKAGIT	14,888	1,098	276	251	19	74
SKAMANIA	1,752	101	21	208	12	58
SNOHOMISH	91,698	6,519	1,499	230	16	71
SPOKANE	84,095	5,582	1,938	347	23	66
STEVENS	6,755	494	83	168	12	73
THURSTON	33,856	2,203	916	416	27	65
WAHKIAKUM	717	30	5	167	7	42
WALLA WALLA	10,546	660	253	383	24	63
WHATCOM	28,791	1,619	598	369	21	56
WHITMAN	11,430	448	194	433	17	39
YAKIMA	39,824	3,311	828	250	21	83
UNKNOWN						

* WOMEN, AGED 15-44; 1985 ESTIMATES FROM OFFICE OF FINANCIAL MANAGEMENT
** INDUCED ABORTIONS PER 1,000 RESIDENT LIVE BIRTHS, ALL AGES
*** INDUCED ABORTIONS PER 1,000 FEMALE POPULATION AGED 15-44
**** LIVE BIRTHS PER 1,000 FEMALE POPULATION AGED 15-44

TABLE 15

INDUCED ABORTIONS BY AGE OF PATIENT BY COUNTY OF RESIDENCE, WASHINGTON STATE 1985

COUNTY OF RESIDENCE	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTALS	25,835	159	2,723	3,701	8,796	5,559	3,018	1,456	377	30	16
ADAMS	74		13	12	24	8	9	7	1		
ASOTIN	72		12	9	28	13	7	3			
BENTON	553	6	64	87	181	125	58	25	7		
CHELAN	273	2	28	41	94	58	32	15	3		
CLALLAM	97	2	14	17	27	16	11	8	2		
CLARK	1,179	6	157	211	375	236	121	53	17	2	1
COLUMBIA	15		3	2	4	2	1	3			
COWLITZ	197	1	28	35	60	41	23	7			2
DOUGLAS	66		7	13	20	14	9	1	1		1
FERRY	13		1	1	1	2	4	2	2		
FRANKLIN	187	2	18	29	70	40	16	6	5	1	
GARFIELD	3		2				1				
GRANT	232	2	31	41	78	44	25	9	2		
GRAYS HARBOR	318	5	42	58	100	62	35	13	3		
ISLAND	203		22	28	77	46	20	9	1		
JEFFERSON	27		6	3	7	4	5		1		1
KING	10,900	56	970	1,382	3,604	2,504	1,457	723	185	12	7
KITSAP	654	3	89	103	216	113	71	47	11	1	
KITTITAS	177		14	30	81	27	14	9	2		
KLICKITAT	36		2	3	12	10	8		1		
LEWIS	232	3	34	37	84	41	24	6	2	1	
LINCOLN	16		4	1	4	5	2				
MASON	107	2	14	7	43	24	9	6	2		
OKANOGAN	95	1	13	13	15	20	22	9	2		
PACIFIC	49	1	7	7	16	8	5	4	1		
PEND OREILLE	28		4	3	9	5	2	5			
PIERCE	3,402	29	380	512	1,281	688	326	145	38	3	
SAN JUAN	19		1	1	6	8	2	1			
SKAGIT	276	2	33	40	72	74	29	20	5		1
SKAMANIA	21		2	1	11	5	1		1		
SNOHOMISH	1,499	6	175	201	508	352	166	72	16	3	
SPOKANE	1,938	10	214	301	709	395	189	87	30	2	1
STEVENS	83		15	14	25	14	5	6	4		
THURSTON	916	2	98	119	312	195	106	68	13	2	1
WAHKIAKUM	5		2			3					
WALLA WALLA	253	2	24	62	78	49	20	13	4		1
WHATCOM	598	7	55	95	219	110	68	35	7	2	
WHITMAN	194		12	47	78	27	25	4	1		
YAKIMA	828	9	113	135	267	171	90	35	7	1	
UNKNOWN											

TABLE 16

PREGNANCY OUTCOME OF ADOLESCENTS BY AGE OF PATIENT BY PLACE OF RESIDENCE, WASHINGTON STATE 1985

COUNTY AND STATE TOTALS	AGE 15-44	RATE	AGE 10-14	* RATE	AGE 15-17	* RATE	AGE 18-19	* RATE
STATE TOTALS								
LIVE BIRTHS	70061	67.1	109	.7	2391	24.9	4720	75.7
FETAL DEATHS	389	.4	2		22	.2	26	.4
ABORTIONS	25630	24.6	159	1.1	2723	28.3	3701	59.4
TOTAL PREGNANCIES	96080	92.1	270	1.8	5136	53.4	8447	135.5
ADAMS								
LIVE BIRTHS	288	95.6	1	1.7	10	30.2	23	107.5
FETAL DEATHS	3	1.0						
ABORTIONS	74	24.6			13	39.3	12	56.1
TOTAL PREGNANCIES	365	121.2	1	1.7	23	69.5	35	163.6
ASOTIN								
LIVE BIRTHS	276	74.6			16	45.6	22	96.9
FETAL DEATHS	2	.5						
ABORTIONS	72	19.4			12	34.2	9	39.6
TOTAL PREGNANCIES	350	94.5			28	79.8	31	136.5
BENTON								
LIVE BIRTHS	1879	72.9	2	.5	68	29.0	121	79.7
FETAL DEATHS	14	.5			1	.4		
ABORTIONS	547	21.2	6	1.6	64	27.3	87	57.3
TOTAL PREGNANCIES	2440	94.6	8	2.1	133	56.7	208	137.0
CHELAN								
LIVE BIRTHS	859	83.8			37	38.1	76	120.8
FETAL DEATHS	7	.7					2	3.2
ABORTIONS	271	26.4	2	1.3	28	28.8	41	65.2
TOTAL PREGNANCIES	1137	110.9	2	1.3	65	66.9	119	189.2
CLALLAM								
LIVE BIRTHS	748	68.0	1	.6	28	26.3	61	88.5
FETAL DEATHS	7	.6						
ABORTIONS	95	8.6	2	1.2	14	13.2	17	24.7
TOTAL PREGNANCIES	850	77.2	3	1.8	42	39.5	78	113.2
CLARK								
LIVE BIRTHS	3305	67.3	5	.6	118	26.1	271	92.4
FETAL DEATHS	6	.1						
ABORTIONS	1170	23.8	6	.8	157	34.7	211	71.9
TOTAL PREGNANCIES	4481	91.2	11	1.4	275	60.8	482	164.3
COLUMBIA								
LIVE BIRTHS	51	68.5			1	14.9	3	69.8
FETAL DEATHS								
ABORTIONS	15	20.2			3	44.8	2	46.5
TOTAL PREGNANCIES	66	88.7			4	59.7	5	116.3
COWLITZ								
LIVE BIRTHS	1112	61.1	2	.7	49	28.5	106	95.2
FETAL DEATHS	3	.2			1	.6		
ABORTIONS	194	10.7	1	.4	28	16.3	35	31.4
TOTAL PREGNANCIES	1309	72.0	3	1.1	78	45.4	141	126.6
DOUGLAS								
LIVE BIRTHS	369	69.6			16	32.1	39	120.4
FETAL DEATHS	2	.4						
ABORTIONS	65	12.3			7	14.0	13	40.1
TOTAL PREGNANCIES	436	82.3			23	46.1	52	160.5
FERRY								
LIVE BIRTHS	94	69.5			8	60.6	9	104.7
FETAL DEATHS								
ABORTIONS	13	9.6			1	7.6	1	11.6
TOTAL PREGNANCIES	107	79.1			9	68.2	10	116.3
FRANKLIN								
LIVE BIRTHS	743	95.1			38	49.0	72	143.1
FETAL DEATHS	4	.5			1	1.3		
ABORTIONS	184	23.5	2	1.6	18	23.2	29	57.7
TOTAL PREGNANCIES	931	119.1	2	1.6	57	73.5	101	200.8
GARFIELD								
LIVE BIRTHS	28	64.1			3	68.2	1	34.5
FETAL DEATHS								
ABORTIONS	3	6.9			2	45.5		
TOTAL PREGNANCIES	31	71.0			5	113.7	1	34.5
GRANT								
LIVE BIRTHS	1042	97.9	1	.5	34	30.0	80	109.1
FETAL DEATHS	6	.6			1	.9		
ABORTIONS	230	21.6	2	1.1	31	27.4	41	55.9
TOTAL PREGNANCIES	1278	120.1	3	1.6	66	58.3	121	165.0
GRAYS HARBOR								
LIVE BIRTHS	1038	76.0	2	.9	61	45.4	97	111.2
FETAL DEATHS	6	.4						
ABORTIONS	313	22.9	5	2.2	42	31.2	58	66.5
TOTAL PREGNANCIES	1357	99.3	7	3.1	103	76.6	155	177.7
ISLAND								
LIVE BIRTHS	910	85.5	2	1.3	16	17.3	72	120.0
FETAL DEATHS	3	.3					1	1.7
ABORTIONS	203	19.1			22	23.7	28	46.7
TOTAL PREGNANCIES	1116	104.9	2	1.3	38	41.0	101	168.4
JEFFERSON								
LIVE BIRTHS	223	64.0			8	26.9	11	57.0
FETAL DEATHS	1	.3						
ABORTIONS	26	7.5			6	20.2	3	15.5
TOTAL PREGNANCIES	250	71.8			14	47.1	14	72.5
KING								
LIVE BIRTHS	19744	58.5	22	.5	517	18.4	882	48.5
FETAL DEATHS	101	.3	1		5	.2	5	.3
ABORTIONS	10825	32.1	56	1.3	970	34.5	1382	75.9
TOTAL PREGNANCIES	30670	90.9	79	1.8	1492	53.1	2269	124.7
KITSAP								
LIVE BIRTHS	2797	73.5	4	.7	80	24.1	202	94.0
FETAL DEATHS	12	.3			2	.6	2	.9
ABORTIONS	650	17.1	3	.5	89	26.8	103	47.9
TOTAL PREGNANCIES	3459	90.9	7	1.2	171	51.5	307	142.8
KITTITAS								
LIVE BIRTHS	316	49.0			7	9.0	17	33.8
FETAL DEATHS	4	.6					2	4.0
ABORTIONS	177	27.5			14	18.0	30	59.6
TOTAL PREGNANCIES	497	77.1			21	27.0	49	97.4
KLICKITAT								
LIVE BIRTHS	252	71.4			8	24.0	20	92.6
FETAL DEATHS	3	.8					2	9.3
ABORTIONS	36	10.2			2	6.0	3	13.9
TOTAL PREGNANCIES	291	82.4			10	30.0	25	115.8
LEWIS								
LIVE BIRTHS	832	70.1	1	.5	41	33.1	76	94.6
FETAL DEATHS	4	.3					2	2.5
ABORTIONS	228	19.2	3	1.5	34	27.4	37	46.1
TOTAL PREGNANCIES	1064	89.6	4	2.0	75	60.5	115	143.2
LINCOLN								
LIVE BIRTHS	130	69.0	1	3.3	3	16.0	9	73.8
FETAL DEATHS								
ABORTIONS	16	8.5			4	21.3	1	8.2
TOTAL PREGNANCIES	146	77.5	1	3.3	7	37.3	10	82.0
MASON								
LIVE BIRTHS	514	73.8	2	1.8	23	33.1	42	93.5
FETAL DEATHS	3	.4					1	2.2
ABORTIONS	105	15.1	2	1.8	14	20.2	7	15.6
TOTAL PREGNANCIES	622	89.3	4	3.6	37	53.3	50	111.3
OKANOGAN								
LIVE BIRTHS	505	74.0	1	.9	21	32.9	38	91.8
FETAL DEATHS	5	.7			1	1.6		
ABORTIONS	94	13.8	1	.9	13	20.3	13	31.4
TOTAL PREGNANCIES	604	88.5	2	1.8	35	54.8	51	123.2
PACIFIC								
LIVE BIRTHS	241	75.6			9	28.8	19	94.1
FETAL DEATHS	1	.3						
ABORTIONS	48	15.1	1	1.9	7	22.4	7	34.7
TOTAL PREGNANCIES	290	91.0	1	1.9	16	51.2	26	128.8
PEND OREILLE								
LIVE BIRTHS	132	69.5			9	46.2	8	63.5
FETAL DEATHS								
ABORTIONS	28	14.8			4	20.5	3	23.8
TOTAL PREGNANCIES	160	84.3			13	66.7	11	87.3
PIERCE								
LIVE BIRTHS	9505	76.6	24	1.4	382	31.7	797	102.0
FETAL DEATHS	57	.5			4	.3	4	.5
ABORTIONS	3370	27.2	29	1.6	380	31.5	512	65.5
TOTAL PREGNANCIES	12932	104.3	53	3.0	766	63.5	1313	168.0
SAN JUAN								
LIVE BIRTHS	115	62.7			2	16.7	2	26.0
FETAL DEATHS	1	.5						
ABORTIONS	19	10.4			1	8.3	1	13.0
TOTAL PREGNANCIES	135	73.6			3	25.0	3	39.0
SKAGIT								
LIVE BIRTHS	1095	73.5	2	.9	39	27.5	90	97.8
FETAL DEATHS	4	.3						
ABORTIONS	273	18.3	2	.9	33	23.3	40	43.5
TOTAL PREGNANCIES	1372	92.1	4	1.8	72	50.8	130	141.3
SKAMANIA								
LIVE BIRTHS	100	57.1	1	3.4	6	34.9	9	81.1
FETAL DEATHS								
ABORTIONS	21	12.0			2	11.6	1	9.0
TOTAL PREGNANCIES	121	69.1	1	3.4	8	46.5	10	90.1
SNOHOMISH								
LIVE BIRTHS	6510	71.0	5	.4	191	23.2	363	68.0
FETAL DEATHS	39	.4	1	.1	1	.1	1	.2
ABORTIONS	1490	16.2	6	.4	175	21.2	201	37.6
TOTAL PREGNANCIES	8039	87.6	12	.9	367	44.5	565	105.8
SPOKANE								
LIVE BIRTHS	5573	66.3	6	.5	163	19.6	403	75.0
FETAL DEATHS	30	.4					3	.6
ABORTIONS	1925	22.9	10	.8	214	25.8	301	56.0
TOTAL PREGNANCIES	7528	89.6	16	1.3	377	45.4	707	131.6
STEVENS								
LIVE BIRTHS	493	73.0	1	.8	23	38.9	45	117,2
FETAL DEATHS	4	.6						
ABORTIONS	83	12.3			15	25.3	14	36.5
TOTAL PREGNANCIES	580	85.9	1	.8	38	64.2	59	153.7
THURSTON								
LIVE BIRTHS	2199	65.0	4	.8	66	21.5	150	75.5
FETAL DEATHS	14	.4			2	.7		
ABORTIONS	911	26.9	2	.4	98	31.9	119	59.9
TOTAL PREGNANCIES	3124	92.3	6	1.2	166	54.1	269	135.4
WAHKIAKUM								
LIVE BIRTHS	30	41.8			1	13.7		
FETAL DEATHS	1	1.4						
ABORTIONS	5	7.0			2	27.4		
TOTAL PREGNANCIES	36	50.2			3	41.1		
WALLA WALLA								
LIVE BIRTHS	659	62.5			32	26.0	49	61.4
FETAL DEATHS	1	.1					1	1.3
ABORTIONS	250	23.7	2	1.3	24	19.5	62	77.7
TOTAL PREGNANCIES	910	86.3	2	1.3	56	45.5	112	140.4
WHATCOM								
LIVE BIRTHS	1614	56.1	3	.8	44	15.4	75	40.6
FETAL DEATHS	9	.3						
ABORTIONS	589	20.5	7	1.8	55	19.3	95	51.4
TOTAL PREGNANCIES	2212	76.9	10	2.6	99	34.7	170	92.0
WHITMAN								
LIVE BIRTHS	447	39.1			3	1.8	12	11.4
FETAL DEATHS	1	.1						
ABORTIONS	194	17.0			12	7.4	47	44.5
TOTAL PREGNANCIES	642	56.2			15	9.2	59	55.9
YAKIMA								
LIVE BIRTHS	3293	82.7	16	2.4	210	50.8	348	130.1
FETAL DEATHS	31	.8			3	.7		
ABORTIONS	818	20.5	9	1.4	113	27.4	135	50.5
TOTAL PREGNANCIES	4142	104.0	25	3.8	326	78.9	483	180.6

* NUMBER OF EVENTS (LIVE BIRTHS, FETAL DEATHS, ABORTIONS, TOTAL REPORTED PREGNANCIES) PER 1,000 FEMALE POPULATION IN EACH AGE GROUP.

TABLE 17

RESIDENT ABORTION RATES+ WITH RANKS FOR WASHINGTON STATE COUNTIES, 1981-1985

RANK	1981 COUNTY	RATE	1982 COUNTY	RATE	1983 COUNTY	RATE	1984 COUNTY	RATE	1985 COUNTY	RATE
1	KING	36.1	KING	36.1	KING	34.3	KING	33.6	KING	32.1
2	CHELAN	31.8	CHELAN	32.5	CHELAN	33.7	CHELAN	30.5	KITTITAS	27.5
3	KITTITAS	30.5	KITTITAS	30.7	KITTITAS	32.6	THURSTON	29.6	PIERCE	27.2
4	PIERCE	30.4	PIERCE	30.3	PIERCE	29.1	PIERCE	29.0	THURSTON	26.9
5	THURSTON	30.1	THURSTON	29.7	WHATCOM	26.2	KITTITAS	26.7	CHELAN	26.4
6	GRAYS HARBOR	29.2	GRAYS HARBOR	29.6	FRANKLIN	25.8	GRAYS HARBOR	26.0	ADAMS	24.6
7	ASOTIN	28.2	ASOTIN	28.2	THURSTON	25.2	WHATCOM	23.0	CLARK	23.8
8	CLARK*	28.2	CLARK	27.9	GRAYS HARBOR	24.9	BENTON	22.8	WALLA WALLA	23.7
9	SKAGIT	27.5	SKAGIT	27.3	SKAGIT	24.6	FRANKLIN*	22.8	FRANKLIN	23.5
10	GRANT	24.9	GRANT	25.0	GRANT	24.3	SAN JUAN	22.4	GRAYS HARBOR	22.9
11	OKANOGAN	24.6	BENTON	24.8	BENTON	24.0	SPOKANE	22.2	SPOKANE*	22.9
12	WHATCOM	24.5	OKANOGAN	24.6	CLARK	23.6	GRANT	22.0	GRANT	21.6
13	BENTON	24.4	WHATCOM	24.4	SAN JUAN*	23.6	WALLA WALLA	21.7	BENTON	21.2
14	FRANKLIN	23.7	FRANKLIN	24.2	ADAMS	23.4	CLARK	21.5	WHATCOM	20.5
15	SPOKANE	23.1	SPOKANE	23.1	WHITMAN	22.3	SKAGIT*	21.5	YAKIMA*	20.5
16	KITSAP	22.9	KITSAP	22.7	YAKIMA	22.2	WHITMAN	21.4	COLUMBIA	20.2
17	ADAMS	22.3	ADAMS	22.4	WALLA WALLA	21.1	ISLAND	21.0	ASOTIN	19.4
18	YAKIMA	21.9	YAKIMA	21.9	OKANOGAN	19.9	OKANOGAN*	21.0	LEWIS	19.2
19	SAN JUAN	21.6	PACIFIC	21.3	SPOKANE	19.6	YAKIMA	20.8	ISLAND	19.1
20	WALLA WALLA	21.3	WALLA WALLA*	21.3	PACIFIC	19.4	KITSAP	20.7	SKAGIT	18.3
21	PACIFIC	21.1	LEWIS	20.7	KITSAP	18.4	ASOTIN	19.9	KITSAP	17.1
22	ISLAND	20.8	SAN JUAN	20.6	ISLAND	17.3	PACIFIC	19.6	WHITMAN	17.0
23	LEWIS	20.5	ISLAND	20.5	SNOHOMISH	17.1	ADAMS	19.1	SNOHOMISH	16.2
24	SNOHOMISH	20.4	SNOHOMISH	20.3	LEWIS	16.9	MASON	18.9	MASON	15.1
25	MASON	20.1	COWLITZ	20.2	GARFIELD	16.7	LEWIS	18.7	PACIFIC*	15.1
26	COWLITZ	19.9	MASON	19.6	MASON	16.0	SNOHOMISH	16.7	PEND OREILLE	14.8
27	DOUGLAS	18.6	DOUGLAS	19.0	COLUMBIA	15.3	COLUMBIA	15.2	OKANOGAN	13.8
28	WHITMAN	17.8	WHITMAN	18.0	DOUGLAS	14.4	WAHKIAKUM	14.9	DOUGLAS	12.3
29	KLICKITAT	15.4	KLICKITAT	15.5	PEND OREILLE	13.6	COWLITZ	14.2	STEVENS*	12.3
30	FERRY	14.3	PEND OREILLE	14.2	ASOTIN	13.2	KLICKITAT	13.8	SKAMANIA	12.0
31	PEND OREILLE	14.2	FERRY	14.1	COWLITZ	12.7	SKAMANIA	13.2	COWLITZ	10.7
32	STEVENS	13.1	STEVENS	13.2	SKAMANIA	12.2	DOUGLAS	13.1	SAN JUAN	10.4
33	COLUMBIA	12.4	COLUMBIA	12.4	LINCOLN	10.8	FERRY	10.4	KLICKITAT	10.2
34	LINCOLN*	12.4	LINCOLN*	12.4	KLICKITAT	10.2	GARFIELD	9.2	FERRY	9.6
35	GARFIELD	11.9	GARFIELD	11.9	STEVENS	10.1	PEND OREILLE	8.5	CLALLAM	8.6
36	WAHKIAKUM	10.9	WAHKIAKUM	10.9	FERRY	8.9	CLALLAM	8.2	LINCOLN	8.5
37	CLALLAM	10.7	CLALLAM	10.8	WAHKIAKUM	5.6	STEVENS	7.9	JEFFERSON	7.5
38	SKAMANIA	10.6	SKAMANIA	10.7	JEFFERSON	5.1	JEFFERSON	7.7	WAHKIAKUM	7.0
39	JEFFERSON	8.7	JEFFERSON	8.6	CLALLAM	4.6	LINCOLN	6.9	GARFIELD	6.9

+ ABORTIONS PER 1,000 FEMALE POPULATION AGED 15-44.
* TIED IN RANK WITH COUNTY OR COUNTIES ABOVE.

MARRIAGES AND DISSOLUTIONS

TABLE 1

MARRIAGES BY COUNTY OF MARRIAGE BY BRIDE AND GROOM AGE GROUP, WASHINGTON STATE 1985

COUNTY		TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	OTHER & UNKNOWN
STATE	BRIDE	43,771	3	5,417	14,508	9,324	5,772	3,595	2,039	1,093	613	407	334	251	173	81	21	8	132
TOTAL	GROOM	43,771		1,783	12,666	10,870	6,664	4,338	2,639	1,599	1,023	696	506	370	266	151	59	32	109
ADAMS	BRIDE	115		25	50	15	6	8	5	1	1	1	2						1
	GROOM	115		8	40	34	12	3	5	5	3	1	2	1					1
ASOTIN	BRIDE	132		18	54	22	15	9	7	1		3	1	1					1
	GROOM	132		8	43	28	22	15	9	1	3		2	1					
BENTON	BRIDE	1,030		165	392	184	114	83	44	11	8	10	5	7	4	1			2
	GROOM	1,030		67	337	265	134	84	42	35	22	14	13	8	7			1	1
CHELAN	BRIDE	635		90	215	126	75	55	29	11	11	5	6	4	3	2	1		2
	GROOM	635		30	188	145	109	58	38	25	9	5	11	7	7	2		1	
CLALLAM	BRIDE	546		81	162	115	75	36	25	18	11	6	4	8	1	3		1	
	GROOM	546		21	145	136	81	55	41	19	7	10	10	8	8	4	1		
CLARK	BRIDE	3,609		468	1,082	734	501	333	193	121	67	41	36	12	16	1			4
	GROOM	3,609		174	913	845	580	386	243	172	113	61	52	33	21	7	3	2	4
COLUMBIA	BRIDE	35		6	13	8	1	1	1		1	1	2			1			
	GROOM	35		1	9	10	6	3	1				2		2		1		
COWLITZ	BRIDE	740		125	260	113	79	67	37	17	10	8	9	6	5	1	1		2
	GROOM	740		35	240	166	95	70	44	29	17	12	16	6	6	2	2		
DOUGLAS	BRIDE	185		36	51	37	24	11	12	6	1	2	2	1		1			1
	GROOM	185		16	59	37	22	18	19	1	4	3	1	3	1	1			
FERRY	BRIDE	50		9	17	8	7	5	1		1			1					1
	GROOM	50		4	16	8	7	7	1	4			1		1				1
FRANKLIN	BRIDE	202		36	71	41	15	11	9	6	3	2	1	1	3				3
	GROOM	202		13	68	47	28	13	9	10	3	3	2	2	1	1			2
GARFIELD	BRIDE	18		3	9	3	2		1										
	GROOM	18			11	5	1		1										
GRANT	BRIDE	387		80	120	58	52	30	16	8	6	4	4	5	1	1			2
	GROOM	387		27	121	80	56	30	21	18	12	5	10	1	5	1			
GRAYS	BRIDE	601		88	199	103	78	54	30	17	8	9	6	3	1	1			4
HARBOR	GROOM	601		31	166	148	91	55	32	22	22	11	5	8	3	1	1		5
ISLAND	BRIDE	564		85	197	105	71	40	22	15	4	8	5	6	4		1		1
	GROOM	564		29	189	132	76	56	25	13	12	9	8	7	2	3		1	2
JEFFERSON	BRIDE	195		20	39	46	34	27	11	5	2	1	3	4		1	1		1
	GROOM	195		5	38	47	28	31	15	12	7	4	1	5	1	1			
KING	BRIDE	13,730		1,084	4,457	3,389	2,093	1,147	635	340	194	110	92	80	37	21	5	3	43
	GROOM	13,730		319	3,356	3,873	2,428	1,434	871	500	302	227	145	103	62	48	19	10	33
KITSAP	BRIDE	1,725		284	564	326	218	153	83	34	26	8	9	8	3	4	1	1	3
	GROOM	1,725		82	621	362	242	156	101	56	31	18	23	13	10	2	4	2	2
KITTITAS	BRIDE	170		17	61	31	23	19	4	4	3	3	1	1		2	1		
	GROOM	170		8	51	37	26	19	9	6	1	4	3	1	2	2		1	
KLICKITAT	BRIDE	152		27	41	32	14	16	8	2	2	3	2	1	2				2
	GROOM	152		4	47	31	23	13	7	9	3	4	2	6					3
LEWIS	BRIDE	605	1	118	193	87	77	45	22	20	9	11	5	6	6	3			2
	GROOM	605		43	181	131	68	60	40	20	16	13	14	7	5	6		1	
LINCOLN	BRIDE	78		13	39	11	4	4	3	1	2								1
	GROOM	78		3	37	17	10	6	2		1		1		1				
MASON	BRIDE	264		30	78	50	29	29	22	9	4	4	3	3	2				1
	GROOM	264		13	63	41	49	31	22	14	9	9	4	3	4		1		1
OKANOGAN	BRIDE	332	1	57	76	70	39	39	19	7	5	3	2	4	7	1			2
	GROOM	332		13	91	65	50	41	24	19	9	2	5	3	2	3	2	2	1
PACIFIC	BRIDE	195		32	57	36	18	20	12	7	1	2	3	3	2	1			1
	GROOM	195		13	56	39	25	24	9	4	5	3	5	6	2	1	1	1	1
PEND	BRIDE	79		19	28	12	5	6	5		3	1							
OREILLE	GROOM	79		8	26	17	8	4	7	2	2	2		1		1			1
PIERCE	BRIDE	5,621		809	2,005	1,224	609	429	222	97	69	54	37	20	21	7	6	2	10
	GROOM	5,621		287	1,960	1,345	754	460	304	172	114	62	51	42	37	10	5	6	12
SAN JUAN	BRIDE	222		8	30	55	62	32	15	5	4	3	2		1	1			4
	GROOM	222		1	28	42	51	48	22	10	7	5	3	3		1		1	
SKAGIT	BRIDE	765		116	255	140	99	54	36	25	5	6	11	7	7	1			3
	GROOM	765		50	207	178	114	77	41	31	17	15	10	6	5	8	2		4
SKAMANIA	BRIDE	127		20	26	17	15	14	13	4	9	3	4	1		1			
	GROOM	127		10	23	13	23	15	13	8	8	4	3	2	2	3			
SNOHOMISH	BRIDE	3,078	1	381	1,028	610	376	258	170	100	39	28	26	20	12	9	2		18
	GROOM	3,078		114	878	761	412	325	210	114	89	58	25	31	21	14	6	2	18
SPOKANE	BRIDE	2,858		366	1,062	616	339	194	104	66	33	27	19	14	9	7		1	1
	GROOM	2,858		118	967	697	379	268	141	94	67	45	22	24	17	12	2		5
STEVENS	BRIDE	211		43	60	32	22	22	15	9	4		1		1	1			1
	GROOM	211		10	66	33	28	29	15	12	6	4	5				1	1	1
THURSTON	BRIDE	1,284		181	389	266	178	105	73	37	20	10	8	5	3	3	1		5
	GROOM	1,284		64	390	277	180	132	93	54	27	28	14	7	8	4	1		5
WAHKIAKUM	BRIDE	36		5	7	5	6	5	2	2	2	1	1						
	GROOM	36		2	6	7	4	5	3	4	2	2	1						
WALLA	BRIDE	487		74	129	98	67	49	28	12	7	7	6	2	5	2			1
WALLA	GROOM	487		24	134	105	69	64	36	13	19	5	5	4	3	3	2		1
WHATCOM	BRIDE	1,029		122	349	218	145	72	38	32	14	9	7	9	6	2			6
	GROOM	1,029		39	304	231	181	109	47	33	23	24	10	9	7	4	3		5
WHITMAN	BRIDE	180		17	82	33	21	14	6	2	3		1		1				
	GROOM	180		7	60	46	25	14	12	12	1	1			2				
YAKIMA	BRIDE	1,499		259	561	248	164	99	61	41	21	13	8	8	10	2	1		3
	GROOM	1,499		82	531	389	167	120	64	46	30	23	19	9	11	6	2		

TABLE 2

DISSOLUTIONS, ANNULMENTS, AND SEPARATE MAINTENANCE BY COUNTY OF DECREE, WASHINGTON STATE 1985

COUNTY OF DECREE	TOTAL	DISSOLUTION	ANNULMENT	SEPARATE MAINTENANCE	NOT STATED
STATE TOTAL	26,512	26,194	116	166	36
ADAMS	65	63	2		
ASOTIN	95	95			
BENTON	657	655		2	
CHELAN	413	406	3	4	
CLALLAM	353	353			
CLARK	1,379	1,362	8	7	2
COLUMBIA	16	16			
COWLITZ	542	535	1	4	2
DOUGLAS	27	27			
FERRY	30	30			
FRANKLIN	196	195		1	
GARFIELD	17	17			
GRANT	315	312	3		
GRAYS HARBOR	433	432	1		
ISLAND	314	306	2	3	3
JEFFERSON	118	116	1	1	
KING	7,670	7,560	31	67	12
KITSAP	858	849	2	3	4
KITTITAS	99	98		1	
KLICKITAT	91	90	1		
LEWIS	380	376	1	1	2
LINCOLN	800	796	3	1	
MASON	152	147	1	4	
OKANOGAN	161	159			2
PACIFIC	80	77	2	1	
PEND OREILLE	33	33			
PIERCE	3,466	3,425	18	19	4
SAN JUAN	52	50		2	
SKAGIT	473	472	1		
SKAMANIA	68	66		2	
SNOHOMISH	2,221	2,204	8	9	
SPOKANE	1,909	1,880	14	11	4
STEVENS	154	153	1		
THURSTON	923	911	2	10	
WAHKIAKUM	12	12			
WALLA WALLA	289	287	2		
WHATCOM	605	594	3	8	
WHITMAN	125	124		1	
YAKIMA	921	911	5	4	1

TABLE 3

DISSOLUTIONS BY COUNTY OF DIVORCE BY HUSBAND AND WIFE AGE GROUP, WASHINGTON STATE 1985

COUNTY		TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	OTHER & UNK
STATE TOTAL	WIFE	26,194	2	338	3,888	5,361	4,771	3,956	2,464	1,332	675	405	259	162	75	28	9	7	2,465
	HUSBAND	26,194	1	58	2,262	4,907	4,856	4,184	3,080	1,835	1,126	719	403	217	131	61	39	14	2,303
ADAMS	WIFE	63			9	23	13	7	7		2			1					1
	HUSBAND	63			8	18	16	10	4	2	2	2		1	1				1
ASOTIN	WIFE	95		1	16	28	10	11	12	6		4	2		1				4
	HUSBAND	95		1	8	20	24	9	11	6	4	4	4	1	1				2
BENTON	WIFE	655		12	115	143	128	93	67	30	24	13	4	2	4			1	19
	HUSBAND	655		2	67	135	127	94	80	54	26	27	11	1	4	1	3		23
CHELAN	WIFE	406		8	64	79	80	73	29	17	14	4	7	2	2				27
	HUSBAND	406			38	82	76	74	42	34	13	10	7	5	1	1			23
CLALLAM	WIFE	353		8	59	69	57	58	37	27	6	7	7	2	1	1	1		13
	HUSBAND	353		2	36	60	67	67	47	19	11	16	6	6	4	1	3		14
CLARK	WIFE	1,362		17	178	273	277	253	135	80	31	18	9	9	4	1	1		76
	HUSBAND	1,362		4	90	265	276	240	163	120	64	37	21	8	5	1	1		67
COLUMBIA	WIFE	16		1	3	2	3	2	1	1	1		1						1
	HUSBAND	16			1	3	2	2	1	1	3		1			1			1
COWLITZ	WIFE	535		15	97	126	97	77	45	24	15	8	6	5	4	1			17
	HUSBAND	535		1	61	110	118	70	64	32	29	19	9	4	6	3	2		9
DOUGLAS	WIFE	27		1	3	5	6	6	2	3		1	1						1
	HUSBAND	27			1	3	5	7	3	3	1	2	1						1
FERRY	WIFE	30		1	2	3	4	2	2										16
	HUSBAND	30			3	2	1	6	2	1	1	1							13
FRANKLIN	WIFE	195		3	29	59	36	17	13	12	5	5	3	1	1				11
	HUSBAND	195			17	46	39	29	15	14	8	9	3	1	1				13
GARFIELD	WIFE	17			3	1	3	3	3	2			1					1	
	HUSBAND	17			2	1	2	1	4	3		1	1		1		1		
GRANT	WIFE	312		7	59	50	62	51	25	13	5	5	6	6	1	1			25
	HUSBAND	312		2	37	54	53	54	33	23	13	7	7	5	4				20
GRAYS HARBOR	WIFE	432		6	69	77	75	63	48	27	6	5	8	2	2				44
	HUSBAND	432		2	47	72	65	65	64	34	15	17	6	3	2	1	2		37
ISLAND	WIFE	306		7	63	66	64	31	22	11	6	6	2	3	1				26
	HUSBAND	306			46	69	52	52	28	12	11	7	2	3	2		1		29
JEFFERSON	WIFE	116		3	12	16	22	31	9	5	2	2	3	2	1	1	1		6
	HUSBAND	116			6	13	25	19	21	9	2	4	6		3	1	2	1	4
KING	WIFE	7,560	1	49	840	1,513	1,379	1,091	721	399	184	103	58	38	21	5		3	1,155
	HUSBAND	7,560		12	438	1,239	1,412	1,198	904	507	318	198	114	61	31	13	8	6	1,101
KITSAP	WIFE	849		17	172	173	163	130	73	39	16	10	2	6	2	2			44
	HUSBAND	849		3	103	182	182	121	104	60	25	20	5	7	2	2		1	32
KITTITAS	WIFE	98	1	1	15	17	27	16	6	4		2	5	1	1				2
	HUSBAND	98			8	18	18	20	15	5	6	2	3	2					1
KLICKITAT	WIFE	90		3	15	20	10	23	5	3	4	2	2	1					2
	HUSBAND	90		1	10	16	11	23	9	8	4	1	1	2	1				1
LEWIS	WIFE	376		7	64	72	68	53	27	17	10	14	10	1				1	30
	HUSBAND	376			33	77	67	53	34	31	18	12	9	3	5	2			32
LINCOLN	WIFE	796		13	141	156	146	118	78	41	18	13	15	10	5	3	1	1	37
	HUSBAND	796		2	84	154	147	120	96	56	42	27	13	9	7	5	3		31
MASON	WIFE	147		2	26	29	32	13	20	6	11	1	3	1					3
	HUSBAND	147			17	27	26	19	23	17	3	6	3	2	1				3
OKANOGAN	WIFE	159		4	27	26	36	24	15	5	7	1	3	2					9
	HUSBAND	159			20	33	31	26	14	8	5	7	1	1	2				11
PACIFIC	WIFE	77		2	15	12	15	9	7	3	6	3	1		1		1		4
	HUSBAND	77		1	3	18	20	10	5	4	2	4	2	2					6
PEND OREILLE	WIFE	33		2	6	6	4	6	3	1	1	1	1	1					1
	HUSBAND	33			4	7	4	3	4	2	2	1	2	3					1
PIERCE	WIFE	3,425		62	624	803	604	505	309	170	96	53	21	19	7	5	1		146
	HUSBAND	3,425		9	423	739	627	539	397	244	129	84	47	23	9	7	5	2	141
SAN JUAN	WIFE	50		1	3	12	14	9	4	3	1		1			1	1		
	HUSBAND	50			2	9	10	10	7	3	4	1	1			1	1		1
SKAGIT	WIFE	472		5	83	85	88	78	50	21	9	10	5	4			1		33
	HUSBAND	472		2	38	101	74	90	46	33	24	13	9	6	3	1			32
SKAMANIA	WIFE	66			10	22	14	7	4	5	2	1							1
	HUSBAND	66			5	14	19	9	7	4	5			2	1				
SNOHOMISH	WIFE	2,204		23	305	434	381	347	199	125	57	30	15	17	6		1		264
	HUSBAND	2,204		4	166	386	391	366	271	153	115	50	21	17	7	6	5	1	245
SPOKANE	WIFE	1,880		22	330	377	340	315	184	89	59	37	27	14	3	1			82
	HUSBAND	1,880		4	195	398	334	303	225	130	97	49	36	15	15	7	1		71
STEVENS	WIFE	153		4	23	29	28	26	14	6	3	3		1					16
	HUSBAND	153		1	11	31	25	28	24	10	4	3	3	3				1	9
THURSTON	WIFE	911		7	136	171	157	135	85	40	20	18	8	4	1	2			127
	HUSBAND	911		3	68	171	163	127	98	64	38	23	13	5	4	2		1	121
WAHKIAKUM	WIFE	12			1	3	2	3			2				1				
	HUSBAND	12				4	2	2	1	1	1	1			1				
WALLA WALLA	WIFE	287		3	43	45	47	44	42	15	15	6	7	1	2				17
	HUSBAND	287			22	48	51	54	29	21	16	20	8	1	1	1			15
WHATCOM	WIFE	594		8	60	126	108	76	39	27	11	10	7	2					120
	HUSBAND	594	1	2	27	96	105	102	58	30	18	12	10	5	1	2	1	1	123
WHITMAN	WIFE	124			18	23	24	17	22	7	3	2	1						7
	HUSBAND	124			9	18	30	15	12	15	10	2	3	1					9
YAKIMA	WIFE	911		13	150	187	149	131	100	48	27	7	11	6	3	1			78
	HUSBAND	911			108	168	160	135	123	66	37	20	14	9	7	2	2		60

TABLE 4

DISSOLUTIONS BY TOTAL LIVING CHILDREN BY PLACE OF WIFE'S RESIDENCE, WASHINGTON STATE 1985*

		NUMBER OF CHILDREN									
COUNTY OF DECREE	TOTAL	0	1	2	3	4	5	6	7	EIGHT OR MORE	NOT STATED
STATE TOTAL	26,194	11,475	5,567	5,049	1,754	551	175	67	32	26	1,498
ADAMS	55	17	16	8	9	4			1		
ASOTIN	98	41	23	20	8	2	1				3
BENTON	647	276	166	120	50	10	8		2	1	14
CHELAN	304	147	56	62	18	5	2	1	1		12
CLALLAM	329	125	81	75	27	7	1	1	2		10
CLARK	1,187	509	264	265	95	20	9	4	2		19
COLUMBIA	15	6	4	3		2					
COWLITZ	485	208	129	85	35	11	3	2		1	11
DOUGLAS	129	42	34	32	9	5		1			6
FERRY	23	10	6	5	1		1				
FRANKLIN	170	79	28	37	15	3	2	1	2	2	1
GARFIELD	13	5	1	3	3	1					
GRANT	291	114	76	52	27	5	2	3	2	1	9
GRAYS HARBOR	401	179	89	73	35	12	3				10
ISLAND	288	109	78	64	17	8	1	1			10
JEFFERSON	110	39	24	27	11	5		1			3
KING	6,548	3,258	1,336	1,162	391	121	38	13	4	3	222
KITSAP	797	366	168	160	49	18	8	4		1	23
KITTITAS	82	38	14	12	9	2					7
KLICKITAT	88	36	18	20	9	1	2				2
LEWIS	340	130	71	78	31	13		1	2		14
LINCOLN	35	11	8	12	3						1
MASON	152	56	39	34	11	5	3	1			3
OKANOGAN	151	66	29	34	11	5	2		1		3
PACIFIC	60	25	11	17	3	2					2
PEND OREILLE	39	19	4	10	4	1		1			
PIERCE	3,052	1,351	687	620	204	64	24	9	3	2	88
SAN JUAN	45	20	15	5	3	2					
SKAGIT	435	175	94	109	32	10	2				13
SKAMANIA	38	13	9	12	3						1
SNOHOMISH	2,141	948	467	436	157	42	15	7	2	2	65
SPOKANE	2,122	902	466	467	158	45	13	6	2	6	57
STEVENS	163	58	43	34	14	3	1				10
THURSTON	834	357	194	167	67	20	6	1		1	21
WAHKIAKUM	8	4	1		1						2
WALLA WALLA	250	103	52	58	20	7	4	1	1		4
WHATCOM	568	245	115	123	40	16	5	2	1	1	20
WHITMAN	109	49	21	25	6	4	2				2
YAKIMA	868	350	221	191	60	21	7	2	1	3	12
OUT-OF-STATE	1,428	726	302	222	82	35	5	4	2	2	48
UNKNOWN	1,296	263	107	110	26	14	5		1		770

*INCLUDES ALL LIVING CHILDREN REGARDLESS OF AGE
DOES NOT INCLUDE RESIDENTS WHO OBTAIN DISSOLUTIONS OUTSIDE OF WASHINGTON STATE

APPENDIX

APPENDIX A

DEFINITIONS

GENERAL TERMS

ABORTION - The termination (spontaneous or induced) of a pregnancy before the fetus has attained viability. Where unqualified in this report, the term refers to induced abortions.

ABORTION-RELATED COMPLICATIONS - Complications encountered and detected at the time pregnancy termination occurs and before the abortion report is filed.

Cervical laceration - a tear wound of the cervix which requires sutures.

Failed abortion - the products of conception fail to be expelled from the uterus after induction.

Hemorrhage - copious or excessive bleeding, clinically assessed.

Infection - inflammation of the endometrium (the mucous coat of the uterus) or elevation of body temperature over 100.4 degrees for one or more days.

Retained products - retention of some of the fetal or placental tissue in the uterus after an abortion procedure. A second procedure is required for removal.

Uterine perforation - unintentional puncture of the uterine wall which requires intervention.

BIRTH WEIGHT - Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces).

FETAL DEATH - Death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Reporting of fetal deaths to the state is required only when the gestational period is twenty weeks or more.

GESTATIONAL PERIOD - Number of weeks elapsed between the first day of the last menstrual period and date of delivery or date of pregnancy termination. The Abortion Reporting System relies upon the physician's estimate of gestational age. With current technology (i.e., ultrasound) accuracy is plus or minus 11 days.

INDUCED ABORTION - The purposeful interruption of pregnancy, irrespective of the duration of pregnancy, with the intention other than to produce a live born infant or to remove a dead fetus, the result of which is not a live birth. Procedures for false pregnancy, ectopic pregnancy and missed abortion (dead ovum retained in uterus in intended pregnancy) are not included.

INDUCED ABORTION PROCEDURES:

Dilatation and Evacuation (D&E) - dilatation of the cervical canal by means of laminaria tents (sterile dried seaweed) until the cervical opening is large enough to allow removal of the uterine contents by means of a sponge forceps or some other specially designed instrument.

Hysterectomy - removal of the uterus by surgical procedure either with the fetus inside or after the fetus is removed; usually performed when a pathological condition of the uterus, such as fibroid tumors, warrants its removal, or when a woman desires sterilization.

Hysterotomy - surgical entry into the uterus, as in a Caesarean section, to remove a fetus too immature to survive, even with extraordinary life support measures; usually performed only if other abortion measures have failed.

Prostaglandin - induction of labor resulting in the expulsion of the fetus by administration of a substance with hormone-like action, either vaginal suppository or intra-amniotic injection.

Saline - induction of labor with eventual expulsion of the fetus by insertion of a hollow needle through the abdominal wall, withdrawal of a portion of the amniotic fluid from the uterine cavity, and subsequent replacement with a concentrated salt solution.

Sharp Curettage - dilatation of the cervical canal with scraping and removal of fetal and placental tissues by use of a curette (which resembles a small spoon). Also, surgical D&C or surgical curettage.

Suction Curettage - dilatation of the cervical canal by the successive insertion of instruments of increasing diameter called dilators until the opening is large enough to insert a flexible tube (cannula) into the uterine cavity and permit the suction removal of fetal and placental tissues by an electric vacuum pump. Also, vacuum aspiration, suction D&C, or early uterine evacuation.

INFANT DEATH - Death of a child under one year of age.

LIVE BIRTH - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

LIVE BIRTH ORDER - Total number of live births to a given mother, including current birth.

MATERNAL DEATH - Death attributed to complications of pregnancy, childbirth, or the puerperium.

NEONATAL DEATH - Death of an infant within the first 27 days of life.

NULLIPAROUS - Having never given birth to a liveborn infant.

OCCURRENCE DATA - Data allocated by place where event occurred, regardless of the person's place of residence.

PARITY - Previous live births; does not include current birth.

PERINATAL DEATH - Fetal deaths plus deaths to infants within the first six days of life.

PREMATURE BIRTH - A live birth weighing 2,500 grams (5-1/2 pounds) or less. If birth weight is not stated, length of gestation (under 37 weeks) is used.

RESIDENCE DATA - Data allocated by place of residence of the decedent (deaths), or by place of residence of the child's mother (births, fetal deaths) or patient (abortions).

SPONTANEOUS ABORTION - An unintended interruption of pregnancy the result of which is a fetal death of any gestational age. Also, miscarriage or miscarried pregnancy.

STANDARD METROPOLITAN STATISTICAL AREA (SMSA) - A county or a group of contiguous counties which contains at least one central city (or city and adjacent places) with at least 50,000 residents, and which is essentially metropolitan in character and socially and economically integrated with the central city; or, a Census Bureau-defined, urbanized area having at least 50,000 population and a total county population of at least 100,000.

TRIMESTER - The duration of human pregnancy, approximately 266 days, divided by 3, resulting in three equal time periods equaling 88.67 days, or 12.67 weeks, or approximately three months, each. As a useful rule-of-thumb, gestation weeks 1 through 12 are considered the first trimester of pregnancy; weeks 13 through 24, the second trimester; and over 24 weeks, the third trimester.

RATES AND RATIOS

Rates and ratios are calculated by dividing the event of concern by the population at risk or a related population and multiplying by a constant (i.e. 1,000, 10,000, or 100,000). See below.

ABORTION RATE - Number of abortions per 1,000 female population aged 15 to 44.

ABORTION RATIO - Number of abortions per 1,000 live births.

AGE-ADJUSTED ABORTION RATE - Number of abortions per 1,000 female population adjusted for age to a standard population (in this report, the 1970 U.S. population). Age-specific abortion rates in each county are, first, multiplied by the proportion of the standard population in that age group; the products are, then, summed across all age groups.

AGE-SPECIFIC RATE - Number in event of concern for a specific age group per some fixed constant of population in that age group. For instance, the age-specific death rate is the number of deaths in a specific age group per 100,000 population in that age group. See different rates, i.e. fertility, pregnancy, abortion, for most typically used fixed constant in each rate.

CAUSE-SPECIFIC DEATH RATE - Number of deaths from a specific cause per 100,000 population.

COMPLICATION RATE - Number of complication cases per 1,000 procedures; one case may have more than one complication.

(CRUDE) BIRTH RATE - Number of live births per 1,000 population.

(CRUDE) DEATH RATE - Number of deaths per 1,000 population.

FERTILITY RATE - Number of live births per 1,000 women, 15-44 years of age.

FETAL DEATH RATIO - Number of fetal deaths per 1,000 live births.

INFANT DEATH RATE - Number of infant deaths per 1,000 live births.

MATERNAL DEATH RATE - Number of maternal deaths per 10,000 live births.

NEONATAL DEATH RATE - Number of neonatal deaths per 1,000 live births.

PERINATAL DEATH RATE - Number of perinatal deaths per 1,000 live births plus fetal deaths.

PREGNANCY RATE - Number of total pregnancies (live births, fetal deaths, and abortions) per 1,000 female population aged 15-44.

APPENDIX B

TECHNICAL NOTES

RELIABILITY OF THE DATA

In analyzing any data, the possibility of errors in the data must not be overlooked. There are several types of possible errors, including under-registration, errors made by the informant, and errors in compilation and processing. The most potentially dangerous error, however, is probably that of improper interpretation.

Statistics are neither more true nor false than the interpretation given to them . It should be emphasized that most of the rates computed in this report are crude rates. For comparing geographic areas, crude rates are limited. They do not reflect differences in age, sex, race, and other population characteristics. In addition, it is important to recognize the possible distortion in these rates where the number of events or the population is small. Minor variations in the number of events may result in major changes in the rates. Special caution should also be exercised in analyzing trend data, because of changes throughout the years in medical diagnosis, coding definitions, and registration coverage.

This year's report used an automated process to create all the tables published. The programs were reapplied to the previous five years of data pertaining to induced abortion to facilitate trend analysis. Some differences with previously published totals resulted. Therefore, there is some slight variation between totals published in the 1981 and 1982 volumes of Induced Termination of Pregnancy, Washington State and this report. The difference is not statistically significant.

COLLECTION YEAR

Data for the Vital Statistics and Induced Terminations of Pregnancy report are compiled from items on birth, death, marriage, and divorce certificates, and abortion reports received before April 15, 1986. (See Appendix F for samples.)

INTERSTATE EXCHANGES

Washington State is a member of the interstate exchange agreement and receives birth and death certificates of residents who have died in other states. Although, no formal agreement exists, some states have agreed to exchange abortion reports. Out-of-state marriage and divorce certificates are not exchanged.

POPULATION

Population data in this report are an estimate of population provided by the Washington State Office of Financial Management, April 1, 1985.

RACE

The race of women obtaining induced abortions, although collected, is not useful for analysis because of the large number of reported unknowns and blanks. In 1985, "unknown" was the second largest category, amounting to more than all other racial categories combined except white among reported abortions.

The determination of race on birth and death certificates follows decision rules established by the National Center for Health Statistics (NCHS).

If more than one race is listed and one is Hawaiian, Hawaiian is selected. In cases of other races, the first non-white race listed is selected.

To determine race of newborns on birth certificates, each parent's race is first established according to the previous rules. Rules to determine race of the child, then, fall along a similar pattern:

1. If either parent is Hawaiian, then the child's race is considered Hawaiian.
2. In cases where one parent is white and the other non-white, the non-white race is selected as the race of the child.
3. If both parents are non-white, the father's race is selected except where the mother's race is Hawaiian.

Please note: The U.S. Bureau of the Census develops estimates of the population of racial and ethnic groups from surveys, both a 100 percent and a supplementary sample. The decision rules of the Census Bureau differ substantially from those of NCHS. The process used by the Bureau is described in their publication, Census of Population and Housing, Users' Guide, page 10.

OCCURRENCE DATA

The validity of occurrence death data has some limitations. As the death certificate does not specify inside or outside of corporate limits for place of death, rural deaths may be incorrectly assigned to cities because the location of death was in close proximity to a city. Informants, moreover, often are unaware of city boundaries.

CAUSE OF DEATH CLASSIFICATION

The causes of death presented herein are classified in accordance with the The International Classification of Diseases, Ninth Revision published by the World Health Organization. The State of Washington began using this revision January 1, 1979.

ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS)

In cases of death due to Acquired Immune Deficiency Syndrome (AIDS), the nosological rules developed by the World Health Organization for determining the underlying cause of death, most often make the sequela of the disease, such as, Pneumocystis carinii or Kaposi's sarcoma, the underlying cause of death rather than the disease itself. Therefore, AIDS data in this volume are reported in cooperation with the AIDS Reporting System of the Public Health Laboratory in the Department of Social and Health Services.

RANKING OF LEADING CAUSES OF DEATH

In the interest of comparability, this summary uses, in general, the cause of death groups established by the National Center for Health Statistics (NCHS).

LOW BIRTH WEIGHT

Traditionally, low birth weight has been defined as 2,500 grams or less. However, the International Classification of Diseases, Ninth Revision (ICD-9) redefines low birth weight as less than 2,500 grams. Thus, 2,500 grams should now be included with the normal birth weight category. The impact of this change is minimal in the United States, where most weights are given in pounds and ounces. No weight of pounds and ounces converts exactly to 2,500 grams (5lb, 8oz is 2,495g and 5lb 9oz is 2,523g). It is, therefore, unlikely that many weights of 2,500 grams are recorded. In fact, none were found for 1984 Washington State births. In the interests of consistency with past data, Washington State has chosen to continue including 2,500 grams with the low birth weight category.

ROUNDING

Rates are rounded to the nearest tenth. When the rate or percent is less than one-tenth, the entry is 0. Where whole numbers are used, a blank indicates none or zero.

APPENDIX C

CONVERSION OF BIRTH WEIGHT GROUPS IN GRAMS TO POUNDS AND OUNCES

GRAMWEIGHT	POUNDS AND OUNCES
1,000 grams and under	2 lbs. 3 oz. and less
1,001 - 1,500	2 lbs. 4 oz. - 3 lbs. 4 oz.
1,501 - 2,000	3 lbs. 5 oz. - 4 lbs. 6 oz.
2,001 - 2,500	4 lbs. 7 oz. - 5 lbs. 8 oz.
2,501 - 3,000	5 lbs. 9 oz. - 6 lbs. 9 oz.
3,001 - 3,500	6 lbs. 10 oz. - 7 lbs. 11 oz.
3,501 - 4,000	7 lbs. 12 oz. - 8 lbs. 13 oz.
4,001 - 4,500	8 lbs. 14 oz. - 9 lbs. 14 oz.
4,501 grams and over	9 lbs. 15 oz. and over

One pound = 453.59 grams

APPENDIX D

POPULATION OF THE STATE OF WASHINGTON
BY AGE GROUP, BY SEX, APRIL 1, 1985

AGE GROUP	TOTAL	MALE	FEMALE
TOTAL	4,384,100	2,181,862	2,202,238
UNDER 1 YR	68,861	35,299	33,562
1 - 4	272,750	139,851	132,899
5 - 14	609,160	311,117	298,043
15 - 19	326,057	167,521	158,536
20 - 24	369,582	191,307	178,275
25 - 34	796,181	407,479	388,702
35 - 44	644,699	326,396	318,303
45 - 54	410,282	208,221	202,061
55 - 64	389,540	186,823	202,717
65 - 74	297,629	135,686	161,943
75 - 84	149,626	57,864	91,762
85 AND OVER	49,733	14,298	35,435

APPENDIX E

POPULATION, STATE OF WASHINGTON, COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, APRIL 1, 1985

	CITY TOTAL	COUNTY TOTAL
ADAMS		13,800
ASOTIN		17,000
BENTON		105,200
KENNEWICK	36,990	
RICHLAND	30,508	
CHELAN		48,500
WENATCHEE	17,360	
CLALLAM		52,600
PORT ANGELES	17,200	
CLARK		203,400
VANCOUVER	42,760	
COLUMBIA		4,100
COWLITZ		79,600
KELSO	10,930	
LONGVIEW	30,300	
DOUGLAS		22,900
FERRY		6,100
FRANKLIN		35,700
PASCO	18,700	
GARFIELD		2,500
GRANT		49,900
MOSES LAKE	10,370	
GRAYS HARBOR		63,900
ABERDEEN	17,250	
ISLAND		49,200
OAK HARBOR	12,617	
JEFFERSON		17,500
KING		1,346,400
AUBURN	29,880	
BELLEVUE	80,250	
DES MOINES	13,500	
KENT	26,979	
KIRKLAND	19,205	
MERCER ISLAND	20,620	
REDMOND	28,130	
RENTON	34,030	
SEATTLE	491,400	
KITSAP		167,800
BREMERTON	37,760	
KITTITAS		25,000
ELLENSBURG	11,670	
KLICKITAT		16,700
LEWIS		56,500
CENTRALIA	11,810	
LINCOLN		9,700
MASON		34,800
OKANOGAN		31,700
PACIFIC		17,500
PEND OREILLE		9,100
PIERCE		524,900
PUYALLUP	19,180	
TACOMA	160,800	
SAN JUAN		8,900
SKAGIT		68,200
MOUNT VERNON	14,210	
SKAMANIA		7,900
SNOHOMISH		373,000
EDMONDS	27,880	
EVERETT	57,030	
LYNNWOOD	23,400	
MOUNTLAKE TERRACE	15,900	
SPOKANE		354,300
SPOKANE (CITY)	172,100	
STEVENS		30,100
THURSTON		139,500
LACEY	15,200	
OLYMPIA	28,560	
WAHKIAKUM		3,700
WALLA WALLA		48,400
WALLA WALLA (CITY)	25,640	
WHATCOM		116,000
BELLINGHAM	46,360	
WHITMAN		39,600
PULLMAN	22,560	
YAKIMA		182,500
YAKIMA (CITY)	49,510	
STATE TOTAL		4,384,100

APPENDIX F

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES
VITAL RECORDS

CERTIFICATE OF DEATH

LOCAL FILE NUMBER

146-8

STATE FILE NUMBER

SAMPLE

OFFICE USE ONLY
DISTRICT
COPIES
HOSPITAL
OCCURRENCE
5 RESIDENCE
TRACT
7 OCCUPATION
8
9
10
11
12
13
14
15
16
17
18
19
20
21 ACC LOC
22 QUERIES
23
24

IF DEATH OCCURRED IN INSTITUTION SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEM 5.

DECEDENT

1. NAME-FIRST, MIDDLE, LAST
2. SEX
3. DEATH DATE (*MO DAY YR*)
4. RACE (*WHITE, BLACK, AM. IND ETC. (SPECIFY)*)
5. AGE - LAST BIRTHDAY (*YRS*)
6. UNDER 1 YEAR — MOS | DAYS
7. UNDER 1 DAY — HOURS | MINS
8. BIRTHDATE (*MO DAY YR*)
9. COUNTY OF DEATH
10. CITY, TOWN OR LOCATION OF DEATH
11. PLACE OF DEATH - ☒ BOX FOR PLACE THEN GIVE ADDRESS OR INSTITUTION NAME
0 ☐ HOME 2 ☐ IN TRANSPORT 3 ☐ EMERG RM/OUT PTN 4 ☐ HOSP 5 ☐ NUR HOME 1 ☐ OTHER PLACE
12. RECEIVED EMERGENCY CARE AMBULANCE, FIREFTR, PARAMED? YES/NO
13. BIRTH STATE (*IF NOT IN USA GIVE COUNTRY*)
14. CITIZEN OF WHAT COUNTRY
15. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED
16. SPOUSE (*IF WIFE GIVE MAIDEN NAME*)
17. WAS DECEDENT EVER IN U.S. ARMED FORCES? (*YES/NO*)
18. SOCIAL SECURITY NO.
19. USUAL OCCUPATION (*GIVE KIND OF WORK DONE DURING MOST OF WORKING LIFE EVEN IF RETIRED*)
20. KIND OF BUSINESS OR INDUSTRY
21. RESIDENCE - NUMBER AND STREET
22. CITY/TOWN, OR LOCATION
23. INSIDE CITY LIMITS? (*YES/NO*)
24. COUNTY
25. STATE

PARENTS

26. FATHER - NAME FIRST, MIDDLE, LAST
27. MOTHER - MAIDEN NAME FIRST, MIDDLE, LAST
28. INFORMANT - NAME
29. MAILING ADDRESS — STREET OR RFD NO — CITY OR TOWN — STATE — ZIP

30. BURIAL, CREMATION REMOVAL, OTHER (*SPECIFY*)
31. DATE (*MO DAY YR*)
32. CEMETERY/CREMATORY - NAME
33. LOCATION - CITY/TOWN, STATE
34. FUNERAL DIRECTOR SIGNATURE
X
35. NAME OF FACILITY
36. ADDRESS OF FACILITY

TO BE COMPLETED ONLY BY CERTIFYING PHYSICIAN

37. TO THE BEST OF MY KNOWLEDGE, DEATH OCCURRED AT THE TIME, DATE, AND PLACE AND DUE TO THE CAUSE(S) STATED
SIGNATURE AND TITLE
X
38. DATE SIGNED (*MO DAY YR*)
39. HOUR OF DEATH (*24 HRS*)
40. NAME AND TITLE OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (*TYPE OR PRINT*)

TO BE COMPLETED ONLY BY MEDICAL EXAMINER OR CORONER

41. ON THE BASIS OF EXAMINATION AND/OR INVESTIGATION, IN MY OPINION DEATH OCCURRED AT THE TIME, DATE AND PLACE AND DUE TO THE CAUSE(S) STATED
SIGNATURE AND TITLE
X
42. DATE SIGNED (*MO DAY YR*)
43. HOUR OF DEATH (*24 HRS*)
44. PRONOUNCED DEAD (*MO DAY YR*)
45. HOUR PRONOUNCED DEAD (*24 HRS*)

46. NAME AND ADDRESS OF CERTIFIER - PHYSICIAN, MEDICAL EXAMINER OR CORONER (*TYPE OR PRINT*)

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING UNDERLYING CAUSE LAST.

47. IMMEDIATE CAUSE (*ENTER ONLY ONE CAUSE PER LINE FOR (A), (B) and (C)*) — INTERVAL BETWEEN ONSET AND DEATH
(A)
DUE TO, OR AS A CONSEQUENCE OF — INTERVAL BETWEEN ONSET AND DEATH
(B)
DUE TO, OR AS A CONSEQUENCE OF — INTERVAL BETWEEN ONSET AND DEATH
(C)
48. OTHER SIGNIFICANT CONDITIONS - CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN ABOVE
49. AUTOPSY? (*YES/NO*)
50. WAS CASE REFERRED TO MEDICAL EXAMINER OR CORONER? (*YES/NO*)
51. ACC., SUICIDE, HOM., UNDET., OR PENDING INVEST. (*SPECIFY*)
52. INJURY DATE (*MO DAY YR*)
53. HOUR OF INJURY (*24 HRS*)
54. DESCRIBE HOW INJURY OCCURED
55. INJURY AT WORK? (*YES/NO*)
56. PLACE OF INJURY - AT HOME, FARM, STREET, FACTORY, OFFICE BLDG. ETC. (*SPECIFY*)
57. LOCATION - STREET OR RFD NO., CITY/TOWN, STATE
58. REGISTRAR SIGNATURE
X
59. DATE RECEIVED (*MO DAY YR*)

FOR STATE REGISTRAR USE ONLY

60. ITEM	DOCUMENTARY EVIDENCE:	REVIEWED BY:	DATE:	ITEM	DOCUMENTARY EVIDENCE:	REVIEWED BY:	DATE

DSHS 9-150 (REV. 1-82)

106501 B

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES
VITAL RECORDS

APPENDIX G

146-8

CERTIFICATE OF LIVE BIRTH

LOCAL FILE NUMBER

STATE FILE NUMBER

VITAL RECORDS USE ONLY
A. DISTRICT
B. COPIES
C. HOSPITAL
D. OCCURRENCE
E. RESIDENCE
F.
G.
H. TRACT
I.
J.
K.
L.
M.
N.
O. F-OCCUP
P. M-OCCUP
Q.
R.
S.
T.
U.
V.
W.
X.
Y.
Z.
AA. QUERIES
BB.
CC.

1. CHILD'S NAME First Middle Last
2. SEX
3. DATE OF BIRTH Mo. Day Yr.
4. HOUR
5. TYPE OF BIRTHPLACE (SPECIFY TYPE) ☐ 1 HOSPITAL ☐ 3 BIRTH CENTER ☐ 5 HOME ☐ 2 ENROUTE ☐ 4 OTH. MED. FACIL. ☐ 6 OTHER
6. NAME OF FACILITY/IF NOT A FACILITY ENTER NAME OF PLACE AND ADDRESS
7. CITY/TOWN/LOCATION
8. COUNTY OF BIRTH
9. I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF
X
10. DATE SIGNED Mo. Day Yr.
11. NAME, TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER (TYPE OR PRINT)
12. CERTIFIER — NAME AND TITLE (Type or print)
13. MAILING ADDRESS (STREET/BOX NO. CITY, STATE, ZIP CODE)
14. FATHER'S NAME First Middle Last
15. AGE (AT TIME OF THIS BIRTH)
16. STATE OF BIRTH (IF NOT USA GIVE COUNTRY)
17. MOTHER'S NAME First Middle MAIDEN
18. AGE (AT TIME OF THIS BIRTH)
19. STATE OF BIRTH (IF NOT USA GIVE COUNTRY)
20. RESIDENCE (NUMBER AND STREET)
21. CITY/TOWN/LOCATION
22. INSIDE CITY LIMITS (YES/NO)
23. COUNTY
24. STATE
25. MOTHER'S MAILING ADDRESS (IF SAME AS ABOVE ENTER ZIP CODE ONLY)
26. NAME OF INFORMANT (TYPE OR PRINT)
27. RELATION TO CHILD
28. DATE RECEIVED BY LOCAL REGISTRAR
29. REGISTRAR (SIGNATURE)
30. DATE RECEIVED BY STATE REGISTRAR
31. RECORD AMENDMENT (STATE REGISTRAR USE ONLY)

ITEM	DOCUMENTARY EVIDENCE	REVIEWED BY	DATE	ITEM	DOCUMENTARY EVIDENCE	REVIEWED BY	DATE

SAMPLE

TYPE OR PRINT LEGAL PORTION IN PERMANENT BLACK INK

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY—DETACHED FROM CERTIFICATE BEFORE PERMANENT FILING.

FATHER
32. RACE (White, Black, American Indian, etc.) (specify)
33. OCCUPATION (Indicate most recent employment) (Pressman, painter, computer programmer) (specify)
34. TYPE OF BUSINESS OR INDUSTRY (paper mill, hwy. construction, nuclear) (specify)

MOTHER
35. RACE (White, Black, American Indian, etc.) (specify)
36. OCCUPATION (Indicate most recent employment) (fruit packer, cashier, registered nurse) (specify)
37. TYPE OF BUSINESS OR INDUSTRY (apple orchard, retail sales, hospital) (specify)
38. IS MOTHER MARRIED? ☐ Yes ☐ No

39. PRIOR LIVE BIRTHS (DO NOT INCLUDE THIS BIRTH)
☐ NONE

	NOW LIVING	NOW DEAD
37 WEEKS OR MORE (Full term)	______	______
LESS THAN 37 WEEKS (Premature)	______	______

DATE LAST LIVE BIRTH (Mo. Yr.) ______

40. OTHER PREGNANCY OUTCOMES (NOT LIVE BIRTHS)
☐ NONE

	SPONTANEOUS	INDUCED (Any Gest. Age)
37 WEEKS OR MORE	______	
20-36 WEEKS	______	______
LESS THAN 20 WEEKS	______	

DATE LAST OTHER PREGNANCY OUTCOME (Mo. Yr.) ______

41. TOTAL PRIOR PREGNANCIES
42. DATE LAST NORMAL MENSES BEGAN Mo. Day Yr.
43. MONTH OF PREGNANCY PRENATAL CARE BEGAN (1st, 2nd, 3rd, etc.)
44. TOTAL NUMBER OF PRENATAL VISITS (If none, enter 0)
45. AMNIOCENTESIS (Indicate Trimester) ☐ 1st ☐ 2nd ☐ 3rd ☐ Not done ☐ Unknown
46. DID MOTHER SMOKE AT ANY TIME DURING PREGNANCY? ☐ Yes ☐ No ☐ Unknown
47. THIS BIRTH (single, twin, etc.)
48. IF NOT SINGLE (Born 1st, 2nd, etc.)
49. BIRTH WEIGHT
50. APGAR SCORE 1 Min. 5 Min.
51. WAS BABY TRANSFERRED TO ANOTHER FACILITY? ☐ Yes ☐ No ☐ Unknown

CHECK ALL BOX(ES) IN EACH COLUMN THAT APPLY

52. COMPLICATIONS DURING OR RELATED TO PREGNANCY (MATERNAL)
- ☐ 0. None
- ☐ 1. Diabetes (gestational)
- ☐ 2. Diabetes (established)
- ☐ 3. Chronic hypertension
- ☐ 4. Pyelonephritis
- ☐ 5. Epilepsy
- ☐ 6. Preeclampsia
- ☐ 7. Eclampsia
- ☐ 8. Rh sensitization
- ☐ 9. Herpes–Active___ Hx___
- ☐ 10. Syphilis
- ☐ 11. Rubella
- ☐ 12. Polyhydramnios
- ☐ 13. Other (specify)

53. COMPLICATIONS OF LABOR
- ☐ 0. None
- ☐ 1. Abruptio placenta
- ☐ 2. Placenta previa
- ☐ 3. Rupture of uterus
- ☐ 4. Cord prolapse
- ☐ 5. Membranes ruptured > 24hrs.
- ☐ 6. Breech
- ☐ 7. Cephalopelvic disproportion
- ☐ 8. Prolonged labor
- ☐ 9. Augmented labor
- ☐ 10. Other (specify below)

54. METHOD OF DELIVERY
- ☐ 1. Spontaneous
- ☐ 2. Vacuum extraction
- ☐ 3. Outlet forceps
- ☐ 4. Induced labor
- ☐ 5. Primary C-section
- ☐ 6. Repeat C-section
- ☐ 7. Vaginal delivery after previous C-section
- ☐ 8. Other (specify below)

55. CONDITIONS OF NEWBORN
- ☐ 0. None
- ☐ 1. Hyaline membrane/RDS
- ☐ 2. Sepsis (documented)
- ☐ 3. Seizures
- ☐ 4. Fetal distress/asphyxia
- ☐ 5. Erb's palsy
- ☐ 6. Other birth injuries (specify below)
- ☐ 7. Hemolytic disease
- ☐ 8. Fetal alcohol syndrome
- ☐ 9. Jaundice (bilirubin > 10)
- ☐ 10. Other (specify below)

56. CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD
- ☐ 0. None
- ☐ 1. Anencephalus
- ☐ 2. Spina bifida, meningocele
- ☐ 3. Hydrocephalus
- ☐ 4. Microcephalus
- ☐ 5. Patent ductus arteriosus
- ☐ 6. Other heart malformations (specify below)
- ☐ 7. Cleft lip
- ☐ 8. Cleft palate
- ☐ 9. Anal atresia/stenosis
- ☐ 10. T.E. fistula, esophageal atresia
- ☐ 11. Hypospadias
- ☐ 12. Omphalocele
- ☐ 13. Polydactyly
- ☐ 14. Syndactyly
- ☐ 15. Adactyly
- ☐ 16. Other limb reduction
- ☐ 17. Congenital dislocation of hip
- ☐ 18. Club foot
- ☐ 19. Down's syndrome
- ☐ 20. Other malformations (specify below)

DSHS 9-182 (Rev. 10/84) -913- 3

FOR SPECIFIC ITEM INSTRUCTIONS SEE HOSPITAL HANDBOOK

OFFICE USE ONLY
DISTRICT
COPIES
HOSPITAL
OCCUR
RESID.
TRACT
QUERIES
F-OCCUP
M-OCCUP
MALFORM

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

APPENDIX H

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES

VITAL RECORDS

CERTIFICATE OF FETAL DEATH

146-8

LOCAL FILE NUMBER

STATE FILE NUMBER

FETUS

NAME—FIRST	MIDDLE	LAST	2 SEX	3 DELIVERY DATE (Mo-Day-Yr)	4 HOUR (24 Hr. Day) M
5 PLACE OF DELIVERY (Circle or X) 1 Hospital 3 Birth Center 5 Home 2 Enroute 4 Oth Med Facil 6 Other	6 FACILITY NAME (Address if not Facility)			7 CITY/TOWN/LOCATION	8 COUNTY OF DELIVERY

CAUSE FETAL DEATH

9 PART I. [ENTER ONLY ONE CAUSE PER LINE FOR (A), (B), AND (C)]

— Fetal or Maternal condition directly causing fetal death: A IMMEDIATE CAUSE

Fetal and/or Maternal conditions, if any, giving rise to the immediate cause (A) stating the underlying cause last:
B DUE TO, OR AS A CONSEQUENCE OF:
C DUE TO, OR AS A CONSEQUENCE OF:

10 SPECIFY FETAL OR MATERNAL

11 PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to Fetal Death but not related to cause given in Part I(A)

12 FETUS DIED (Circle or X) 1 Before Labor 2 During Labor 3 During Delivery 4 Unknown

13 AUTOPSY (Y/N)

CERTIFIER

14 THE ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF SIGNATURE
X

15 DATE (Mo-Day-Yr)

16 NAME, TITLE ATTENDANT AT DELIVERY IF OTHER THAN CERTIFIER (TYPE OR PRINT)

17 NAME, TITLE (TYPE OR PRINT)

18 MAILING ADDRESS (Street, Box Number, City, State, Zip)

FA

19 NAME, FIRST — MIDDLE — LAST

20 AGE (At Time This Delivery)

21 BIRTH STATE (If not U.S. give Country)

MOTHER

22 NAME, FIRST — MIDDLE — LAST (Maiden)

23 AGE (At Time this Delivery)

24 BIRTH STATE (If not U.S. give Country)

25 RESIDENCE (Number and Street)

26 CITY/TOWN/LOCATION

27 INSIDE CITY LIMITS (Y/N)

28 COUNTY

29 STATE

DISPOSITION

30 BURIAL, CREMATION, REMOVAL, OTHER (Specify)

31 DATE (Mo-Day-Yr)

32 CEMETERY/CREMATORY NAME

33 LOCATION—CITY/TOWN, STATE

34 FUNERAL DIRECTOR SIGNATURE
X

35 NAME OF FACILITY

36 ADDRESS OF FACILITY

37 REGISTRAR SIGNATURE
X

38 DATE RECEIVED BY REGISTRAR (Mo-Day-Yr)

FOR STATE REGISTRAR

ITEM	DOCUMENTARY EVIDENCE:	REVIEWED BY:	DATE:	ITEM	DOCUMENTARY EVIDENCE:	REVIEWED BY:	DATE:

DSHS 9-195 (Rev. 1-80)

SAMPLE

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY—DETACHED FROM CERTIFICATE BEFORE PERMANENT FILING

FA

39 RACE (White, Black, Am Ind Etc. Specify)

40 USUAL OCCUPATION (Kind of Work Done During Most of Working Life)

41 KIND OF BUSINESS OR INDUSTRY

42 EDUCATION—Highest Grade Completed (0-16+)

MO

43 RACE (White, Black, Am Ind Etc. Specify)

44 USUAL OCCUPATION (Kind of Work Done During Most of Working Life)

45 KIND OF BUSINESS OR INDUSTRY

46 EDUCATION—Highest Grade Completed (0-16+)

PREGNANCY HISTORY

47 AMNIOCENTESIS (Circle or X)
0 Not Done
1 1st Trimester
2 2nd Trimester
3 3rd Trimester

48 IS MOTHER MARRIED? (Yes/No)

49 DATE LAST NORMAL MENSES BEGAN (Mo-Day-Yr)

50 MONTH OF PREGNANCY PRENATAL CARE BEGAN (First, Second, Third, Etc.)

51 TOTAL NUMBER OF PRENATAL VISITS (IF NONE ENTER 0)

52 TOTAL PRIOR PREG. (Do Not Include This Preg) IF NONE ENTER 0

53 PRIOR LIVE BIRTHS IF NONE ENTER 0 — NOW LIVING — NOW DEAD

54 PRIOR FETAL DEATHS (Do Not Include Induced) Abortions or This Delivery) IF NONE ENTER 0 — BEFORE 20 WEEKS — 20 WEEKS & AFTER

55 FETUS WEIGHT (If known, specify)

56 THIS FETUS (Single, Twin, Etc., Specify)

57 IF NOT SINGLE (Born First, Second, Etc., Specify)

58 LAST PRIOR PREG (Mo-Yr)

59 LAST LIVE BIRTH (Mo-Yr)

60 LAST FETAL DEATH (Mo-Yr)

COMPLICATIONS

61 CONGENITAL MALFORMATIONS OR ANOMOLIES OF FETUS (DESCRIBE OR WRITE NONE)

CIRCLE OR X ALL CODES THAT APPLY IN EACH COLUMN

62 COMPLICATIONS NOT RELATED TO PREG.	63 COMPLICATIONS RELATED TO PREG.	64 COMPLICATIONS OF LABOR	65 METHOD OF DELIVERY	66 BIRTH INJURIES/ DISEASES OF FETUS	67 (USE THIS SPACE TO SPECIFY OTHER)
0 NONE	0 NONE	0 NONE	0 SPONTANEOUS	0 NONE	
1 DIABETES	1 PRE-ECLAMPSIA	1 ABRUPTIO PLACENTA	1 VACUUM EXTRACTED	1 FETAL HEMORRHAGE	
2 HEART DIS (Symptomatic)	2 ECLAMPSIA	2 PLACENTA PREVIA	2 LOW FORCEPS	2 PLACENTA AND CORD CONDITIONS	
3 CHRONIC HYPERTENSION	3 RH SENSITIZATION	3 CORD (Prolapse)	3 OTHER FORCEPS PROCEDURE	3 SEPSIS (Documented)	
4 CHRONIC RENAL DISEASE	4 SYPHILIS	4 MATERNAL HYPOTENS/ SHOCK	4 PRIMARY C-SECTION	4 MATERNAL CONDITIONS AFFECTING FETUS	
5 ACUTE URINARY TRACT INFECTION	5 HERPES	5 PROLONGED LABOR	5 REPEAT C-SECTION	5 JAUNDICE (Bili > 10)	
6 SURGERY (Abdom/Pelvic)	6 RUBELLA	6 INTRAPARTUM FEVER AMNIONITIS	6 VERSION & EXTRACTION	6 ASPHYXIA	
7 TUMOR	7 ANEMIA (HGB < 10 GM HCT < 30%)	7 LACERATION 3°/4°	7 LABOR INDUCED	7 HEMOLYTIC DISEASE	
8 EPILEPSY	8 HEMORRHAGE OF PREG	8 BREECH	8	8 FRACTURED CLAVICLE	
9 OTHER (Specify)	9 OTHER (Specify)	9 OTHER (Specify)	9 OTHER (Specify)	9 OTHER (Specify)	

STATE PRINTING PLANT, OLYMPIA, WASHINGTON

APPENDIX I

REPORT OF INDUCED TERMINATION OF PREGNANCY

State File Number

1a. Facility Identification Number

1b. Patient Identification Number

2. Age of Patient

3. Date of Pregnancy Termination ______ / ______ / ______ Mo. Day Yr.

4a. Residence—State ☐

4b. County ☐

4c. City, Town, or Location

5. Race of Patient
1 ☐ White
2 ☐ Black
3 ☐ American Indian or Alaskan Native
4 ☐ Asian or Pacific Islander
5 ☐ Other (specify) ______
9 ☐ Unknown

5b. Ethnic Origin: Hispanic
1 ☐ Yes

PREVIOUS PREGNANCIES (Complete Each Section)

6a. SPONTANEOUS ABORTIONS (Stillbirths & Miscarriages)
Number ______
None 00 ☐

6b. LIVE BIRTHS
Number ______
None 00 ☐

6c. INDUCED ABORTIONS (Do not include this termination)
Number ______
None 00 ☐

7a. Primary Procedure Used To Terminate Pregnancy (check only one)

7b. Additional Procedure Used for This Termination, if Any (check all that apply)

TYPE OF TERMINATION PROCEDURE

7a. (check only one)	TYPE OF TERMINATION PROCEDURE	7b. (check all that apply)
1 ☐	Suction Curettage	☐ 1
2 ☐	Dilatation and Evacuation	☐ 2
3 ☐	Sharp Curettage	☐ 3
4 ☐	Saline	☐ 4
5 ☐	Prostaglandin	☐ 5
6 ☐	Hysterotomy	☐ 6
7 ☐	Hysterectomy	☐ 7
8 ☐	Other (specify)	☐ 8

8. Complications of Procedure(s) used (check all that apply)
0 ☐ None
1 ☐ Hemorrhage
2 ☐ Infection
3 ☐ Uterine Perforation
4 ☐ Cervical Laceration
5 ☐ Retained Products
6 ☐ Failed Abortion
7 ☐ Other (specify) ______

9. Date Last Normal Menses Began ______ / ______ / ______ Mo. Day Yr.

10. Physician's Estimate of Gestation ______ weeks

11. Name of Attending Physician (type or print) ☐

12. Name of Person Completing Report (type or print) ______ Title ______

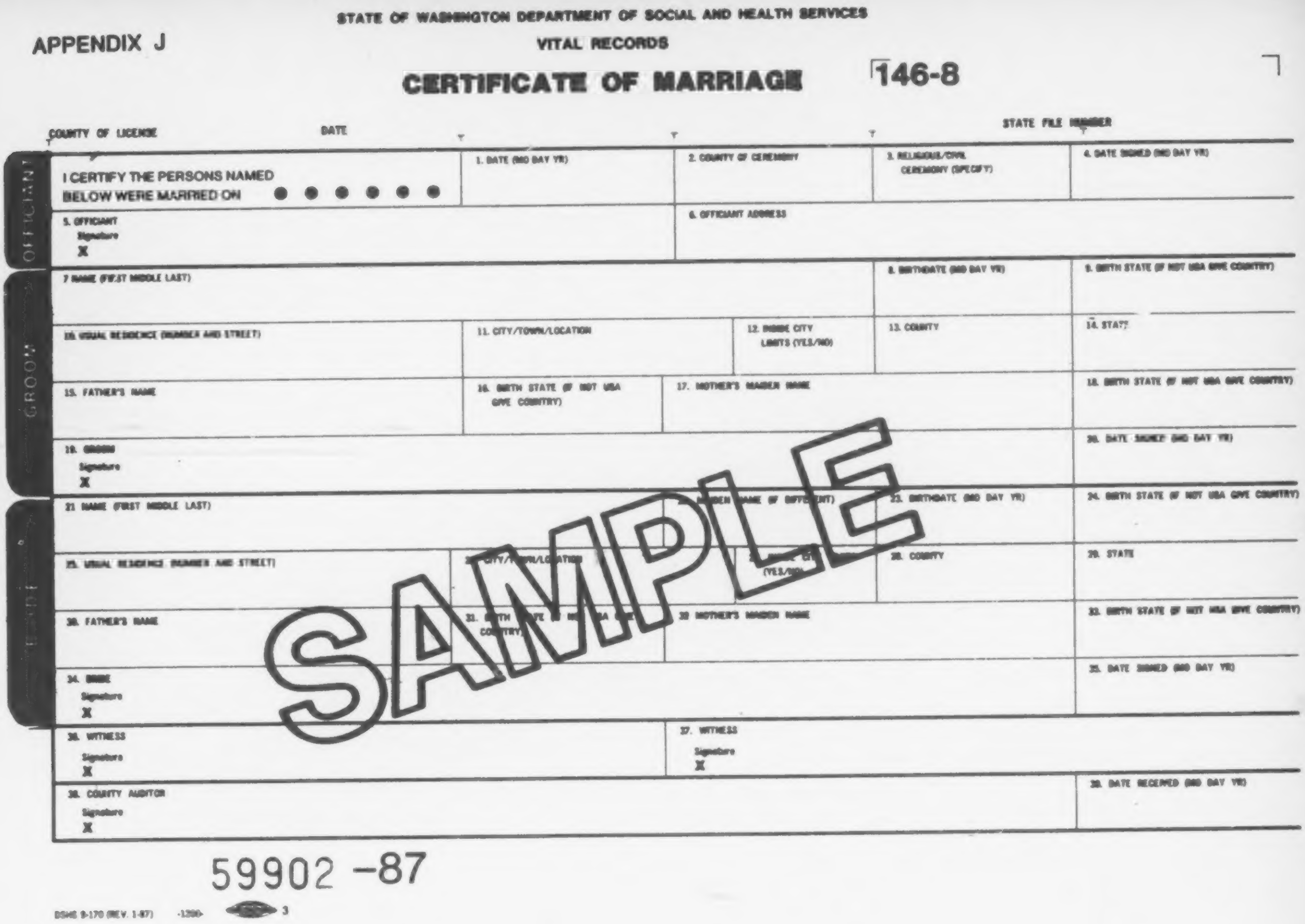
13. Completion Date of This Report ______ / ______ / ______ Mo. Day Yr.

DSHS 13-161 (Rev. 12/85) -1031-

SEE INSTRUCTIONS ON BACK

SAMPLE

APPENDIX J



STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES

VITAL RECORDS

CERTIFICATE OF MARRIAGE

146-8

COUNTY OF LICENSE

DATE

STATE FILE NUMBER

OFFICIANT

I CERTIFY THE PERSONS NAMED BELOW WERE MARRIED ON ● ● ● ● ● ●

1. DATE (MO DAY YR)

2. COUNTY OF CEREMONY

3. RELIGIOUS/CIVIL CEREMONY (SPECIFY)

4. DATE SIGNED (MO DAY YR)

5. OFFICIANT Signature X

6. OFFICIANT ADDRESS

GROOM

7 NAME (FIRST MIDDLE LAST)

8. BIRTHDATE (MO DAY YR)

9. BIRTH STATE (IF NOT USA GIVE COUNTRY)

10. USUAL RESIDENCE (NUMBER AND STREET)

11. CITY/TOWN/LOCATION

12. INSIDE CITY LIMITS (YES/NO)

13. COUNTY

14. STATE

15. FATHER'S NAME

16. BIRTH STATE (IF NOT USA GIVE COUNTRY)

17. MOTHER'S MAIDEN NAME

18. BIRTH STATE (IF NOT USA GIVE COUNTRY)

19. GROOM Signature X

20. DATE SIGNED (MO DAY YR)

BRIDE

21 NAME (FIRST MIDDLE LAST)

MAIDEN NAME (IF DIFFERENT)

23. BIRTHDATE (MO DAY YR)

24. BIRTH STATE (IF NOT USA GIVE COUNTRY)

25. USUAL RESIDENCE (NUMBER AND STREET)

CITY/TOWN/LOCATION

INSIDE CITY LIMITS (YES/NO)

28. COUNTY

29. STATE

30. FATHER'S NAME

31. BIRTH STATE (IF NOT USA GIVE COUNTRY)

32 MOTHER'S MAIDEN NAME

33. BIRTH STATE (IF NOT USA GIVE COUNTRY)

34. BRIDE Signature X

35. DATE SIGNED (MO DAY YR)

36. WITNESS Signature X

37. WITNESS Signature X

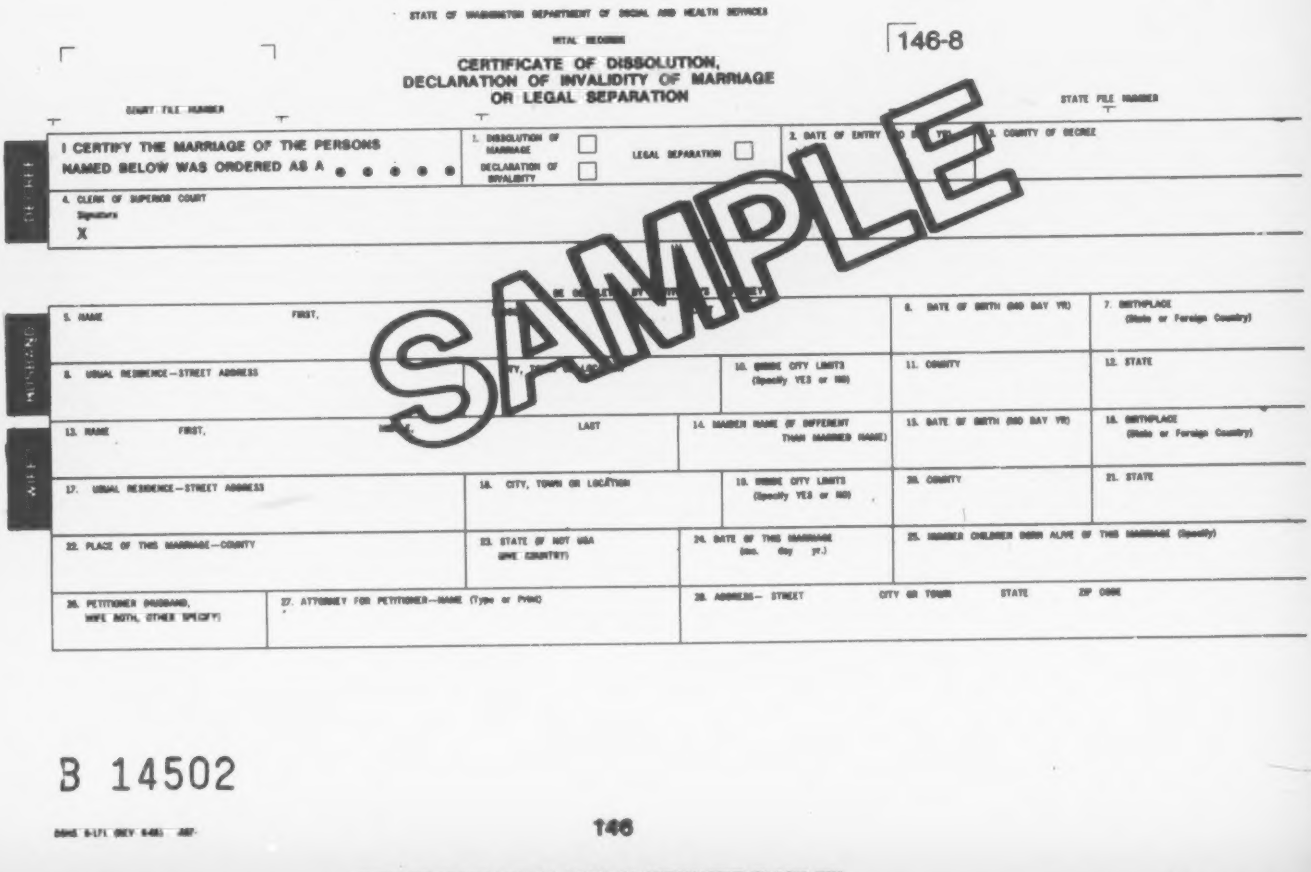
38. COUNTY AUDITOR Signature X

39. DATE RECEIVED (MO DAY YR)

SAMPLE

59902 -87

DSHS 9-170 (REV. 1-87) -1200- 3



STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES

VITAL RECORDS

CERTIFICATE OF DISSOLUTION, DECLARATION OF INVALIDITY OF MARRIAGE OR LEGAL SEPARATION

146-8

COURT FILE NUMBER

STATE FILE NUMBER

DECREE

I CERTIFY THE MARRIAGE OF THE PERSONS NAMED BELOW WAS ORDERED AS A ● ● ● ● ●

1. DISSOLUTION OF MARRIAGE ☐

DECLARATION OF INVALIDITY ☐

LEGAL SEPARATION ☐

2. DATE OF ENTRY (MO DAY YR)

3. COUNTY OF DECREE

4. CLERK OF SUPERIOR COURT Signature X

BE COMPLETED BY PETITIONER'S ATTORNEY

HUSBAND

5. NAME FIRST,

6. DATE OF BIRTH (MO DAY YR)

7. BIRTHPLACE (State or Foreign Country)

8. USUAL RESIDENCE—STREET ADDRESS

CITY, TOWN OR LOCATION

10. INSIDE CITY LIMITS (Specify YES or NO)

11. COUNTY

12. STATE

WIFE

13. NAME FIRST, MIDDLE, LAST

14. MAIDEN NAME (IF DIFFERENT THAN MARRIED NAME)

15. DATE OF BIRTH (MO DAY YR)

16. BIRTHPLACE (State or Foreign Country)

17. USUAL RESIDENCE—STREET ADDRESS

18. CITY, TOWN OR LOCATION

19. INSIDE CITY LIMITS (Specify YES or NO)

20. COUNTY

21. STATE

22. PLACE OF THIS MARRIAGE—COUNTY

23. STATE (IF NOT USA GIVE COUNTRY)

24. DATE OF THIS MARRIAGE (mo. day yr.)

25. NUMBER CHILDREN BORN ALIVE OF THIS MARRIAGE (Specify)

26. PETITIONER (HUSBAND, WIFE BOTH, OTHER SPECIFY)

27. ATTORNEY FOR PETITIONER—NAME (Type or Print)

28. ADDRESS— STREET CITY OR TOWN STATE ZIP CODE

SAMPLE

B 14502

DSHS 9-171 (REV 6-85) -887-

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

58420-1

JULE M. SUGARMAN
Secretary

STATE OF WASHINGTON
DEPARTMENT OF SOCIAL AND HEALTH SERVICES
Olympia, Washington 98504-0095

January 28, 1988

ATTENTION: Holders of
Report: Vital Statistics and Induced Terminations of Pregnancy, Washington State 1985

Please note the enclosed errata for the 1985 annual summary of vital statistics and induced terminations of pregnancy.

I am sorry for any inconvenience or misinterpretation which this error may have caused.

Sincerely,

Teresa Jennings

Teresa Jennings
Health Data Unit, ET-14

ERRATA

On page 50, the third paragraph, third sentence should read:

"In second trimester procedures, it was dilatation and evacuation (57%) followed by suction curettage (29%), saline (8%), and prostaglandin (5%)."

Page 60 should be blank.